

Ulster jobs in jeopardy

TWENTY per cent of Northern Ireland's architects in private practice will lose their jobs by June 1987 if DoE cuts continue.

This is the conclusion of a workload survey compiled by the Royal Society of Ulster Architects.

From a 40 per cent return they estimate that 37 architects have lost their jobs up to June this year.

And forecasts for the next year predict that another 60 redundancies will follow.

Taking into account technicians and administrative jobs, it predicts that 300 job losses will occur between January this year and June 1987.

The losses are the result of falls of up to 65 per cent in workload, affecting more than 60 per cent of practices.

The report blames the downturn on sudden large cuts in public sector investment in Northern Ireland and a subsequent loss of confidence by the private sector aggravated by the political troubles.

The RSUA is now seeking talks with the Northern Ireland Office to argue for a substantial increase in investment, particularly in housing where it claims there is twice as many unfit homes as on the mainland.

Break with tradition

AN architect has been appointed as president elect of the Institution of Fire Engineers for the first time in 69 years of the institute's existence.

Alan C Parnell, who takes on the presidential mantle at the IFE conference in Glasgow in September, will be breaking the tradition of previous presidents having been chief fire officers or members coming from the fire service.

More councils offer a voice for women

LOCAL authorities are following the lead of Southwark council, with Lambeth, Camden and Birmingham all announcing plans to involve women residents in council design.

Southwark women's committee started the ball rolling in 1984 when it drew up a report called *Safety for women on Southwark housing estates*.

It found that women residents' prime concern was security, requesting more secure doors and windows, entry phones, better street lighting and more police patrols.

After consultation, the planning department then published *The housing security design guide*.

This recommends that gardens should be fenced in and anti-climb paint used to prevent intruders from shinning up drain pipes.

Now Lambeth council plans to give women residents a say in the design and maintenance of council housing.

Two members of the women's rights committee will be co-opted on to the housing schemes design working party, and district housing committees will be nominating women to discuss security and safety initiatives at a joint women's forum.

Camden council has acknowledged Southwark's lead, and has set up a working party looking at women's involvement in council house design.

In Birmingham the council's housing strategy subcommittee has called for more involvement by women tenants.

New scheme for Diorama in spotlight

ALTERATIONS to the Grand Buildings scheme and fresh proposals for the Diorama in Regent's Park were discussed by the London Advisory Committee this week.

The 13-strong committee was told of a second application by Diorama Arts, which proposes to retain all of the original Diorama.

But a previous application by the Crown Commissioners was granted listed building consent.

The final decision — with both schemes — approved by the committee rests with Camden council, which has already said it will support the Diorama Arts scheme by architects Alan Phillipson.

Diorama Arts now has the backing of a trust, whose members include Sir Denis Lasdun, Sir Roy Shinn, secretary general of the Arts Council, and Lord Beaumont, Liberal spokesman for the arts.

Officers were also asking the committee to review the Grand Buildings scheme.

They are unhappy with proposals by the Sidell Gibson Partnership to demolish the existing building and replace it with a replica and will ask the committee to request that a "significant part of the old building could be kept and repaired".

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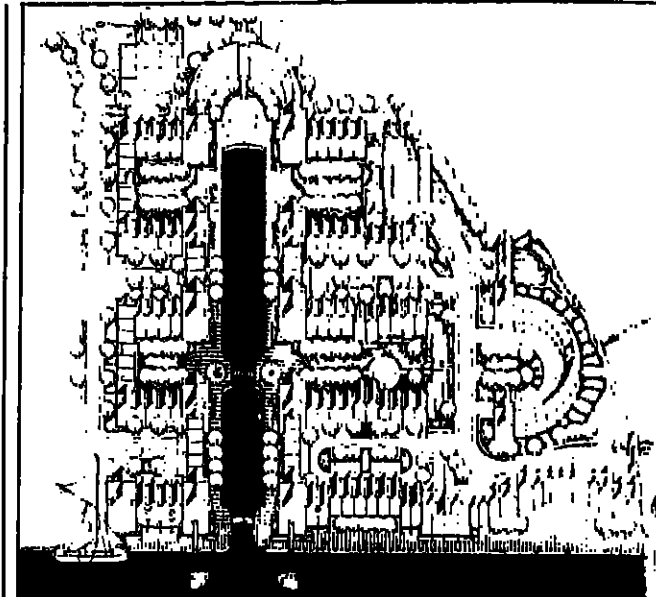
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Aquatic theme for latest Docklands development

Architects Goddard Manton Partnership and developers Timber Wharves Group have just received outline planning permission for a £10 million development of the South Quay of Millwall Outer Dock.

The predominantly residential scheme, on a 5.6ha site, contains 320 residential units with some commercial and leisure uses along the quayside.

The housing is arranged around a series of open-ended courts which relate to a major north-south open space and water feature. Most of the houses have a water view.

Where would you expect Europe's leading ventilator to be produced?

Cologne? Zurich? Rotterdam?

In fact, the best selling window ventilator in Europe is designed, manufactured and distributed by Titon - in Colchester!

Titon ventilators were the subject of a Research and Study Project supported by the Department of the Environment in Abercromby, South Wales.

Results, monitored by the Welsh School of Architecture, demonstrated a marked reduction in the effects of condensation with no measurable heat loss.

A wealth of experience, an excellent product and a rapid and responsive service make Titon your No.1 choice for window ventilators.



Rival SA institute planned

NO 796

RADICAL South African architects are set to breakaway from the special general meeting of the Institute of South African Architects this week.

Moves to amend the constitution to protect the Institute of South African Architects from the British Waterways Board to rethink its controversial plans for the Limehouse Basin.

Proposer Hans Schirmacher, chosen by the London Docklands Development Authority because it has the "least environmental impact" — will begin at the Highway, passing under the margin of 300-200m the Basin, and ending at a new junction with Westferry Road.

It is widely rumoured that the road will be used by BWB as an excuse to remodel their scheme, attacked by the Limehouse Development Group.

The LDDC pointed out that while the BWB scheme, with developer Hunting Gate and architects Selfert, had been given outline planning permission, detailed proposals had still to be worked out.

Road block for Limehouse plan

A MAJOR road scheme in London's Docklands has been dismissed as a "cut and cover" road — had the backing of the London Docklands Development Authority because it has the "least environmental impact" — will begin at the Highway, passing under the margin of 300-200m the Basin, and ending at a new junction with Westferry Road.

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BUILDING DESIGN

The weekly newspaper for the design team

FRIDAY JULY 18 1986

Rebel architect gets Security Police tip-off

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As the institute's registration body, they will no longer practise as architects.

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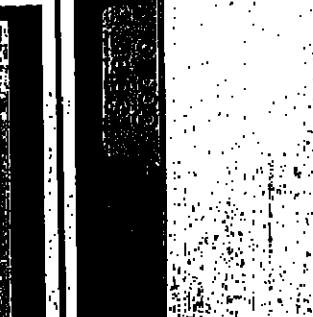
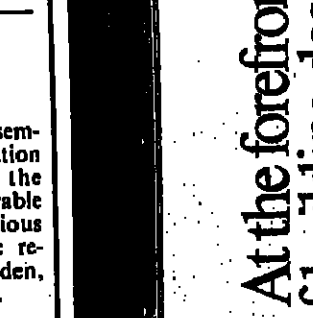
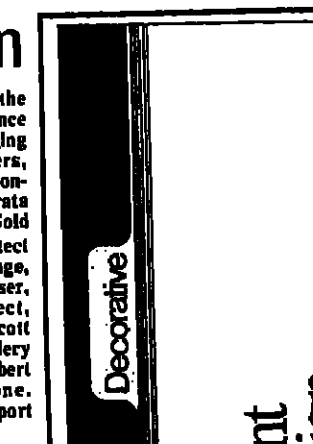
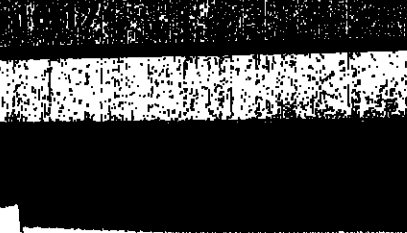
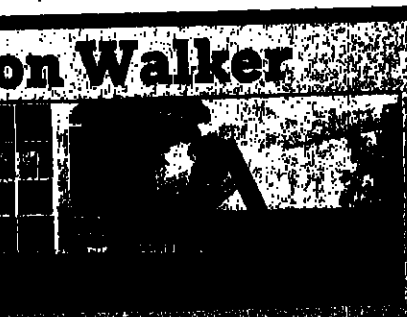
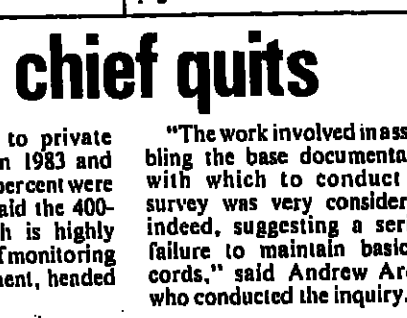
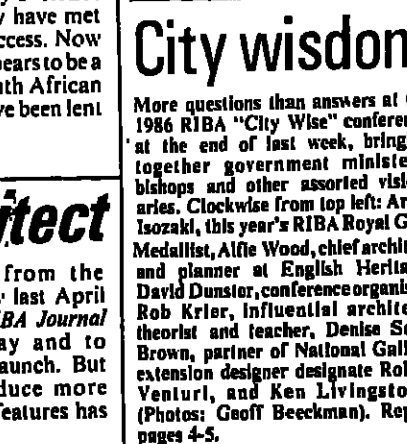
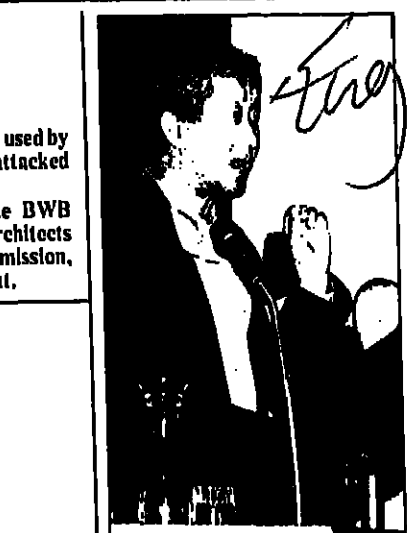
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Authority's plans to privatise go ahead

THE North West Thames Regional Health Authority is pressing ahead with plans to privatise its £36 million capital building programme.

And architects and engineers are already leaving the authority and taking lucrative contracts with them to outside firms keen to increase their workload.

Negotiations are still going on between individuals and established practices to place some contracts.

The director of estates development, Roger Johnson, said this week: "The reorganisation will reduce the number of regional works staff by approximately 84 and the resulting cost savings of £600,000 each year will be allocated to patient care."

Staff and trade unions have been consulted about the proposals following the authority's decision and reassurance has been given that staff interests will be protected.

However, sources within the authority say there must be some redundancies to make the scheme work. Out of the 84 staff, there is provision to retain 36 within the health authority to manage and supervise contracts and 23 per cent of the staff are over 60 and probably keen on leaving early with a large redundancy payment.

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City wisdom

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Glancey leaves Architect

BD columnist David Pearce is to take over the editorship of the *Architect* — the recently relaunched RIBA Journal.

Pearce takes over from Jonathan Glancey, who resigned this week because of a "lack of editorial independence".

Glancey came from the *Architectural Review* last April to take over the RIBA Journal from Peter Murray and to mastermind the relaunch. But pressure to introduce more advertising-related features has forced him to leave.

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WHEN Hans Schirmacher last saw his attorney, he was told: "Have a holiday for two weeks. And during that time, prepare yourself psychologically for arrest."

Speaking to me this week, Schirmacher was plainly relieved to be (for the time being) out of the shadow of the Security Police. There was excitement in his voice as he sounded off against the architectural establishment, both in South Africa and in Britain, and described his hopes for the future. His hasty departure from South Africa has left him breathless, but not speechless.

Schirmacher, born in wartime Berlin and trained in the USA, had a successful career and several ISAA awards of merit under his belt, when in 1985 the revelation came that was to set him on a collision course with the Institute of South African Architects.

The catalyst that sparked off Schirmacher's conversion was Marion Crawford, a middle-class white convicted of illegally hiding a black pass offender from the police, who refused to pay her fine. In the context of the widespread injustice in South Africa's recent past, it was not such a huge act of defiance. What impressed Schirmacher was that this stand was taken by a woman who until then had been uninvolved in politics.

His own campaign began with a personal letter to the Transvaal Provincial Institute. "What triggered me was that the TPI invited Cruywagen to their awards of merit function. He is the political boss of the Transvaal, and a political appointee." He checked to see what was happening in the other provinces — and did not like what he found.

"The whole bunch of them, at their own award functions, invited the political head of the province — which already, to me, is a hell of a political statement to make, for an institute which is supposedly committed to human rights, and which supposedly is non-political."

Since the Architect's Act of 1970, the relationship between the profession and the South African government has been explicitly defined. Under the terms of the Act, the practice of architecture is governed via a hierarchy of organisations. All those wishing to practise must register with their provincial institute, with the Institute of South African Architects (ISAA), and with the Architects' Council — the body which governs the ISAA, and which is itself subject to the minister of works. Hence, in Schirmacher's analysis, power flows directly from the Government down through the council and the ISAA to the provincial institutes.

Schirmacher's letter demanding that the TPI's invitation be cancelled was not therefore expected to be successful. But it marked the start of a long, involved campaign that was to lead to 160 ISAA members signing a requisition attached to a Declaration of Human Rights, forcing an sgm on July 7 where AAP's proposals for human rights amendments to the constitution were dismissed as out of order.

At this, Schirmacher and two others resigned from the institute, thereby forfeiting the legal right to practise as architects in South Africa. "People were scared," says Schirmacher, claiming that according to an inside source at Stauch & Vorser (one of the country's largest

Tim Ostler talks to South African rebel architect Hans Schirmacher

Beating the drum



Schirmacher — determined.

practices with extensive government work) employees had been instructed to vote against the motion "or else".

But the AAP found that it had powerful allies too. Tony Mason, head of the property development arm of Harry Oppenheimer's huge Anglo American Mines, declared that his company would in future not give work to any architect who was not prepared to sign the declaration.

AAP now plans to set up a College of Architects to act as an

alternative institute in South Africa. How many members does he believe this College of Architects could attract? "It will depend a lot on the support that I can get from people like the RIBA and the UIA, because they are very important."

Schirmacher believes the view of the ISAA held by RIBA president Larry Rolland and some others in the RIBA — namely, that it is a benign organisation doing its best to ameliorate the situation in difficult circumstances — is

sadly mistaken. In Johannesburg, the new Technikon was the subject of an architectural competition administered by the ISAA. Schirmacher, in his application for the conditions, asked whether the building was to be multiracial, with admission based on merit alone. He received the conditions without a reply. Schirmacher's next letter was answered with a phone call from the rector, asking if it would be all right to reply verbally. Schirmacher insisted on a written reply. The letter describing the terms under which the Technikon would operate finally arrived. Returned with it was his registration fee for the competition.

What does Schirmacher expect the RIBA to do? "I don't care whether they throw the ISAA out or not. That is not my function for being here. What I would like to say to the RIBA is this: Give the College of Architects temporary status as a free and democratic alternative to the ISAA, and permit us to use that status as part of our presentation to the architects of South Africa. And see what we do in a year. If after a year we have not proved ourselves to you, with real achievements that the ISAA is unwilling to do, then you can say 'Go back to your hovels. Bugger off, we don't want you!' But at least give us the opportunity. Give us the chance."

The steering committee of AAP numbers 15. Can the RIBA really be expected to take seriously a group that is so small? Schirmacher says the numbers that have joined so far are not representative of the real level of sympathy generated by the sgm.

"Everything has to have a beginning," he says. "I can't come here and drop a whole

institute in your lap. What I'm saying is, from the very beginning of this group, you have the chance to guide and to be involved."

But isn't it a bit anachronistic for the RIBA to cast itself in such a paternalistic role for the profession in another country of equal standing?

"We are isolated — never mind nationally, as a country — we are isolated within our country. And it is helpful to find that there is a body that is respected internationally that is giving us a chance. Because we won't get it at home — we have no status legally in our country, because we're not allowed to be in existence."

Will he expect the members of the new organisation to join the ISAA? "No, it's too difficult. It's too much to ask of people."

But, just supposing the College of Architects takes off and becomes a viable organisation, how does he expect it to define a form of practice that is morally acceptable yet viable in South Africa?

"It's very simple," says Schirmacher. "You draw the line between all those people who suffer under apartheid — who all require structures — and the structures that actually extend that suffering. And you don't do those structures."

That pressure of a sort already exists cannot be denied. But among architects, the depression caused by the unrest has led to a staggering figure of 40 per cent out of work. But, despite previous setbacks, Schirmacher is one of the few voices raised in optimism about the future.

Hans Schirmacher will address a public meeting at the RIBA, 6 Portland Place, London W1, at 6pm on Monday.

Clean-up project begins

RICHARD Branson's appointment as head of a new Government initiative to create jobs and clean up the environment is now official.

The scheme — first suggested to Branson by former environment minister Kenneth Baker — will be backed by £23 million of public money.

Speaking at the launch of the scheme in Halifax this week, environment secretary Nicholas Ridley said the work would be "a partnership between Government, the voluntary sector and the business world" and would provide challenging jobs for those taking part.

Jobs would centre round reclaiming neglected land for parks, city farms, or wildlife reserves, conserving and restoring industrial heritage, helping tourists with better information, tackling litter, and improving neglected ponds, paths and woodlands.

Student work 'spectacular'

PRESENTING the British Institute of Architectural Technicians (BIAT) student awards last week, Owen Luder said this year's entries were of "spectacularly high quality".

First prize was won by George Clark from the Glasgow College of Building & Printing. Joint second place went to Napier College, Edinburgh, and Sheffield Polytechnic, and a commendation was given to Newcastle-upon-Tyne Polytechnic.

BBC scheme gets airing

PROPOSALS for the BBC development at White City will be the subject of a talk by Alan James of the corporation's architects department at the sgm of the West London Architectural Society on Monday.

The meeting will take place at the Orangery in Holland Park. Tickets are £7. Details from Soo Ware, 01-736 5197.

Welsh hope

THE Secretary of State for Wales, Nicholas Edwards, agreed to the need for increased expenditure on infrastructure, housing and the health care programme at a meeting this week with the Welsh Group of Eight.

Gold Medal

SUGGESTIONS are being sought by the RIBA for the 1987 Royal Gold Medal for Architecture for "work of high merit" or "work that has promoted, directly or indirectly, the advancement of architecture". Nominations should be made to the secretary of the institute by September 15.

Raymond Loewy

PIONEER industrial designer Raymond Loewy died in Monte Carlo this week, aged 92.

Born in France, Loewy emigrated America after war service and worked as an illustrator, his first industrial commissions coming from Sigmund Geslertner in 1929. His celebrated "Cold-spot" refrigerator for Sears Roebuck (1935) is regarded as an important breakthrough in the marketability of design.

Branson in planning row over Virgin hq scheme

VIRGIN Records boss and rubbish minister Richard Branson is at the centre of a planning row over his plans to build a new headquarters at Portobello Dock, west London.

Branson commissioned architects Pinchin Kellow to draw up a scheme in 1984. As well as Virgin's new headquarters, it includes craft workshops and housing association units.

The local planning authority has welcomed the scheme, which it said would bring "life and vitality to a run-down area".

But the former Greater London Council objected to Branson's proposals because it would mean demolishing a 19th century horse ramp and deck, which were listed after Branson bought the site.

Officers at English Heritage — which now controls London's listed buildings — admitted that the platform and bridge leading to the ramp were in bad condition, and could cost millions to repair.

Officers also told members of the London Advisory Committee — who discussed Branson's scheme at last week's meeting — that the whole site was likely to be "blown open" because of a road-widening scheme, recently given DoE approval, which involves the loss of a listed stable block.

Introducing Branson's scheme, Dr Philip Whitbourn, chief officer of the London Division of English Heritage, said that Branson — who has written to Lord Montague objecting to the 18-month delay — had a "hard-line approach" and was not prepared to revise his scheme.

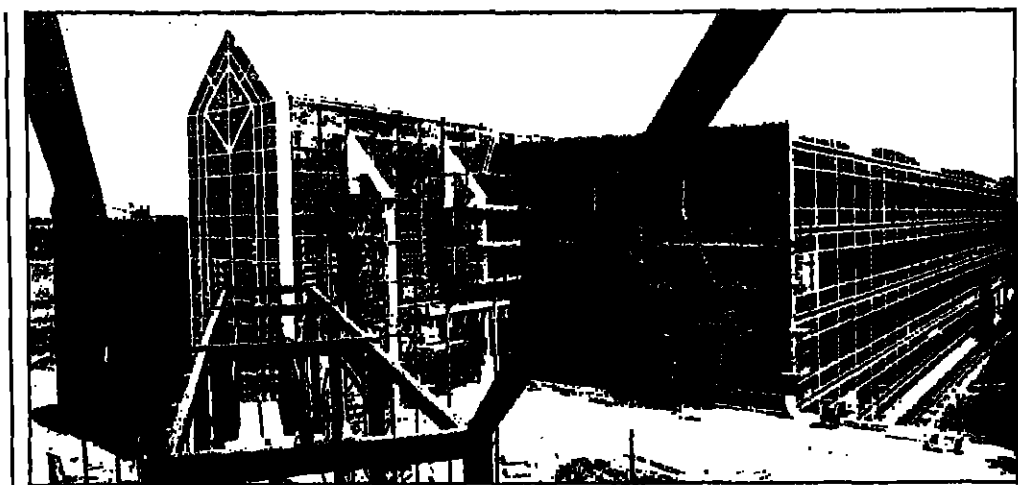
But Pinchin Kellow said they could not exclude the listed items because they took up so much of the space. They dismissed a revised scheme drawn up by officers of the London Division as "amateur".

However, committee members refused to give listed building consent. The chairman, Robert Vigers, said the horse ramp was a "fascinating piece of industrial archaeology".

Ashley Barker, head of the London Division, was doubtful if the conservation argument would be accepted at the forthcoming public inquiry, because

the structures had been listed so late.

Committee member Jennifer Freeman told BD that Branson's "piecemeal approach" was not right for the area. She said a decision had been deferred so that the two councils — Kensington & Chelsea and Westminster — could work out a plan that took in a much wider area than that by Branson.



Bank project duplicates itself

This is Chase Manhattan's new £20 million headquarters in Bournemouth, designed to meet strict US regulations which dictate the duplication of all data banks so that should one half be destroyed by fire the other half will survive.

Designed by American architects Skidmore Owings & Merrill with the Thomas Saunders Partnership, the steel-frame building has been dubbed "the giant greenhouse" because of the huge, laminated sheets of green glass and the vast 100m atrium rising to a diamond shaped roof.

The curious "energy centre" — a satellite building housing the generator, chiller and main power source — is also in two identical halves separated by bomb-proof walls. It has been built using bricks taken from a local farm building.

The engineers, Young Austen & Young, have installed a

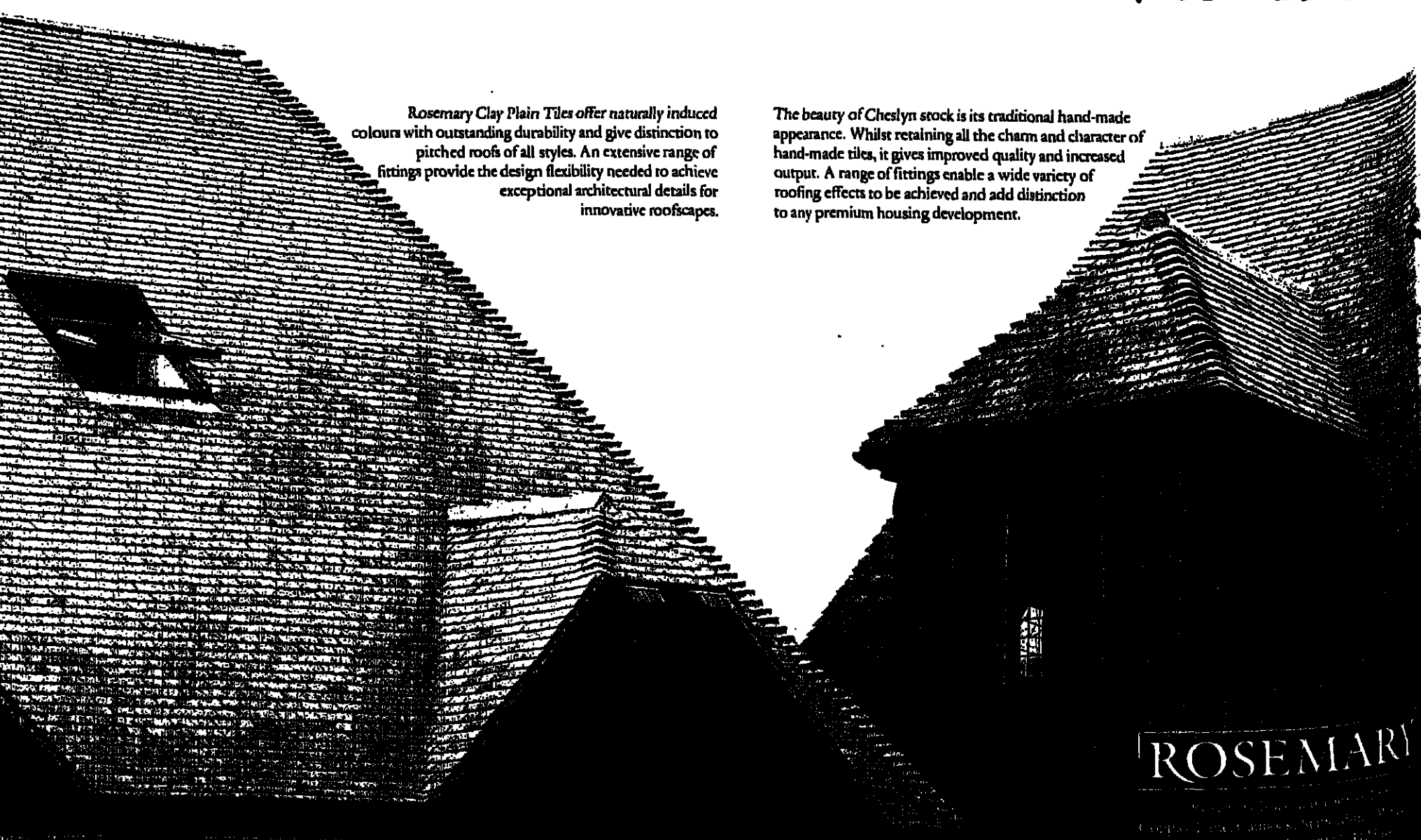
heating system powered by electricity — eradicating the need for boilers, pipework and radiators. Throughout the building the temperature is regulated automatically by a computer-controlled micro-reporter in the satellite building linked to temperature sensors sited on side pillars in the main building.

Chilled water used in the air-conditioning units is returned to the satellite building at the end of its cycle, where it is then treated with a special chemical to kill Legionnaire's Disease bacteria.

A covered walkway leads from the main building to staff recreation facilities.

Using the "fast track" method of construction — bolting the glass panels onto the frame — means that the new complex will meet Chase Manhattan's tight October deadline, and the arrival of the Big Bang.

Return to Traditional Values.



Rosemary Clay Plain Tiles offer naturally induced colours with outstanding durability and give distinction to pitched roofs of all styles. An extensive range of fittings provide the design flexibility needed to achieve exceptional architectural details for innovative roofscapes.

The beauty of Cheslyn stock is its traditional hand-made appearance. Whilst retaining all the charm and character of hand-made tiles, it gives improved quality and increased output. A range of fittings enable a wide variety of roofing effects to be achieved and add distinction to any premium housing development.

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Robertson has become the byword in the advance of architectural wall systems with the ability to solve any problem in the design of walls.

'Uncaring' attitude to cities attacked

"OUR cities have great architectural potential but we have sadly neglected and mistreated them with insensitive development."

Alfie Wood, chief architect-planner with English Heritage, opened his look at the heritage of cities by criticising the architect and town planner for their apparently uncaring attitude towards urban areas.

"The challenge to architecture and town planning is to provide innovative schemes for economic and social urban revival, complete with the human dimension which was so sadly lacking in the developments of the 1960s," he said.

"Conservation of historic buildings although only 2 per cent of the nation's stock, is a key element in managing the revival of run-down cities. It demands inventiveness coupled with sensitivity on the part of the



Alfie Wood... conservation a key element.

designer, particularly in finding new uses for structures which can become the springboards of regeneration.

"Long-term liabilities can be made to be a city's most valuable development asset."

Wood constantly reminded delegates to remember who they are designing for.

"Town planners and architects should plan and design for the people living and working in the city," he said.

Ridley aims shots at interference from the bureaucrat

OPENING the first day of the 1986 RIBA conference, environment secretary Nicholas Ridley launched an attack on planning controls, recommended the use of traditional materials, and called for fewer restrictions on cars in the city.

In a 30-minute speech he referred, more than once, to the "bureaucratic interference of planners," but said the "crisis of confidence" among architects was mostly the fault of patrons.

"They ask you to build unlivable-in buildings, to subscribe to the values of planners and councillors instead of those of tenants and owners."

Ridley said the move to impose communal values rather than private values on people had resulted in "poor quality, unattractive architecture" which had failed.

Although it was widely rumoured that he would be giving details on the eight new urban development corporations announced last week, he made only a passing reference to inner-city regeneration.

"One of the things I want to do is concentrate resources on reviving cities as places where people want to live," he said, but offered the audience few clues as to how this would be done.

One way forward was for architects to work closely with those for whom they build. The "client", "patron" or the "community" — depending on financial status — must communicate with the architect to make sure they got a building which said "something about them as people or about their corporate image."

"Too much of our bad office and residential architecture now gives a cold, inhuman, uncaring, bleak image," due to modern materials like glass, concrete steel and plastic. He suggested that traditional materials, such as Cotswold stone, should be revived.

"I believe there is still a future for stone — for if I can dress stone, why can't others?" he asked, and later went on to suggest that the unemployed could be taught stone dressing as a skill.

He advocated a "national architectural style" and the "embellishment of buildings by works of arts and crafts."

Ridley's final message was addressed to the planners: "It is their interference which impedes creativity and restricts innovations, resulting in an overall architectural blandness."

"I hope the day will come soon when I can advocate freedom from all control."

Only then would it be possible to "foster a climate of confidence in British architectural design so that genius would flourish without bureaucratic interference."

Wearing her city planner's hat on Friday, Scott Brown examined some of the urban centres she had been involved with since 1968. She looked at Las Vegas, Philadelphia, Memphis and Boston, and reminded conference of the relationship between architecture, planning and socio-economic conditions.

More than 50 per cent of the population of Memphis is black, and one problem Scott Brown had to conquer in her plan for the city was the possibility of allowing the community to become split down the middle.

Her task was more to integrate social strata, allow commercial and social growth and provide the base for a city to benefit from better housing and road systems.

Despite chairman David Rock's valiant attempts to seek common threads and knit them together, the three presentations were so far apart in their scope and terms of reference that most of the audience were left in a state somewhere between confusion and despair.

James Gowan gave what Rock described as a "careful, reasoned and sensitive" address, tracing studies of urban form through Mumford and Summerson. "Constructive" criticisms followed of much of the recent architectural posturing, from the Lloyd's building to the proposed "ad hoc arrangement" by a former partner for the Mies Mansion House site.

Most incisive of all, however, was Gowan's condemnation of post-modernism, which demanded the "viability of the fairground without its tawdriness" and which invited us to take "neither Classical nor modern architecture (nor life) too seriously."

Rem Koolhaas, founder member of the Office for Metropolitan Architecture, showed a new proposal for the "improvement" of a massive housing development in greater Amsterdam.

In six weeks the office had been required to devise ideas for transforming a "dwelling zone" of 100,000, first conceived in the 60s and now with the worst vandalism and crime rates in the city.

The suggestions, formed within the framework of finding

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Planner favours democratic approach

ARCHITECT and planner Denise Scott Brown of Vienna Raich & Scott Brown outlined her planning philosophy in a three-point statement:

● urban planning should include economic, political and social dimensions;

● the process of planning is important as the plans and must be democratic, with public involvement and regular public meetings;

● decisions should finally be made by elected representatives. Planners should offer candid and realistic analysis of a situation, focus it and present clearly to all those involved.

Architects should then present the design that made the most of what was available and align with the optimistic range of what was feasible for the community.

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He said the defensive mentality of councils meant all they could talk about was how to avoid cuts.

But the Government's squeeze on local government spending was destroying communities and imposing central standards so that "every bloody town centre looks the same".

Livingstone said that when

the Labour Party came to power, the GLC could be recreated in three months, but would be invested with more powers.

Quoting Winston Churchill, he ended by saying the shift of power away from the centre would be the only way to "set our communities free".

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Bitter Krier declares end to social housing work

IN a dramatic outburst, Professor Rob Krier of Vienna Technical University declared: "I will build no more social housing."

"I've lost too much money (to property developers) and I've got no interest in working for these shit people," he declared.

Still bitter over his experiences working on housing projects for the International Building Exhibition in Berlin, the influential urbanist and author of *Stadtraum* (Urban Space) appeared to be moving closer to the uncompromising stance of his younger brother Leon, who refuses to build

because I am an architect."

Rob Krier presented a slide-show outlining some of the city design projects he has been involved in — and overran his allotted time by 30 minutes.

In Berlin, where he managed the design of a district under the International Building Exhibition programme, he restricted architects to designing a few units each, because he felt they could only produce their best work in limited quantities.

This resulted in one case where 21 architects were used to design a block of 23 houses.

It also presented tremendous management problems, especially as he was given no legal powers to back up his management role, but had to control

procedures through discussion and agreement.

Many of the slides of finished buildings differed substantially from the original designs, due to unsympathetic clients who did not understand their designs.

Many other designs for Berlin and later Salzburg were unbuilt because they were not to the clients' taste, or too expensive.

He concluded with a project for the medieval city of Amiens, much of which was destroyed during the war.

Krier found that subsequent rebuilding had lost the city's character by using modern materials and ignoring the sprawling layout of the original.

He tried to reconstruct the original haphazard street plan which he felt was refreshing. The work was like restoring a carpet where the same materials, designs and layouts were used.

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Ken Livingstone... provocative speech.

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Revue reviewed

THE RIBA's longest-running hoodwink of members and the public was exposed at its own conference party on Friday night.

The performance of Jonathan Glancey in "Off the Record", an architectural revue, made it clear that Prince Charles has never been near Portland Place and has probably never heard of the RIBA. The *Architect* editor's mastery of the heli's voice and gestures proved conclusively that he had perfected the role on those "royal visits" to the institute.

The "miraculous" appearance of the Bishop of Durham at an earlier session of the conference was revealed as just another example of actor Paul Trigg's talent for mimicry and even God's reputation was punctured as Louis Hellman informed us, in verse, that he only thought he was Le Corbusier. In a series of rhyming couplets, Hellman demolished the pretensions of architects from Gropius to Foster, he of the brain which cannot be seen, constructed entirely from neoprene.

The awards ceremony to present this year's Larries conveyed all the glamour and heartache of show business as Paul (BD) and Jonathan (RIBA) Smarmy presented such hard-won accolades as the Best Supporting Actor award to James Stirling for Number One Poultry, formerly the Mansion House Square story but now reserved for chickens, and the Don Corleone award for extracting money for old rope, to Arcut.

The audience was almost moved to tears as G Ware Travelstead and chorus tunelessly intoned "Is there a place for us to build a yankee dream?" to the LDDC in a version of "East Side Story". But handkerchiefs came out in earnest for Brenda Davies' version of Mrs Mhairi Rolland's accompaniment of herself on the piano to a heartfelt rendering of "Yesterday (Portland Place was just a far-off dream, he was fishing by a mountain stream)".

The pungency of this was rivalled by Mrs Rolland's husband and Patrick Harrison playing themselves in "Yes President!" Scriptwriters John Morris and Paul Finch

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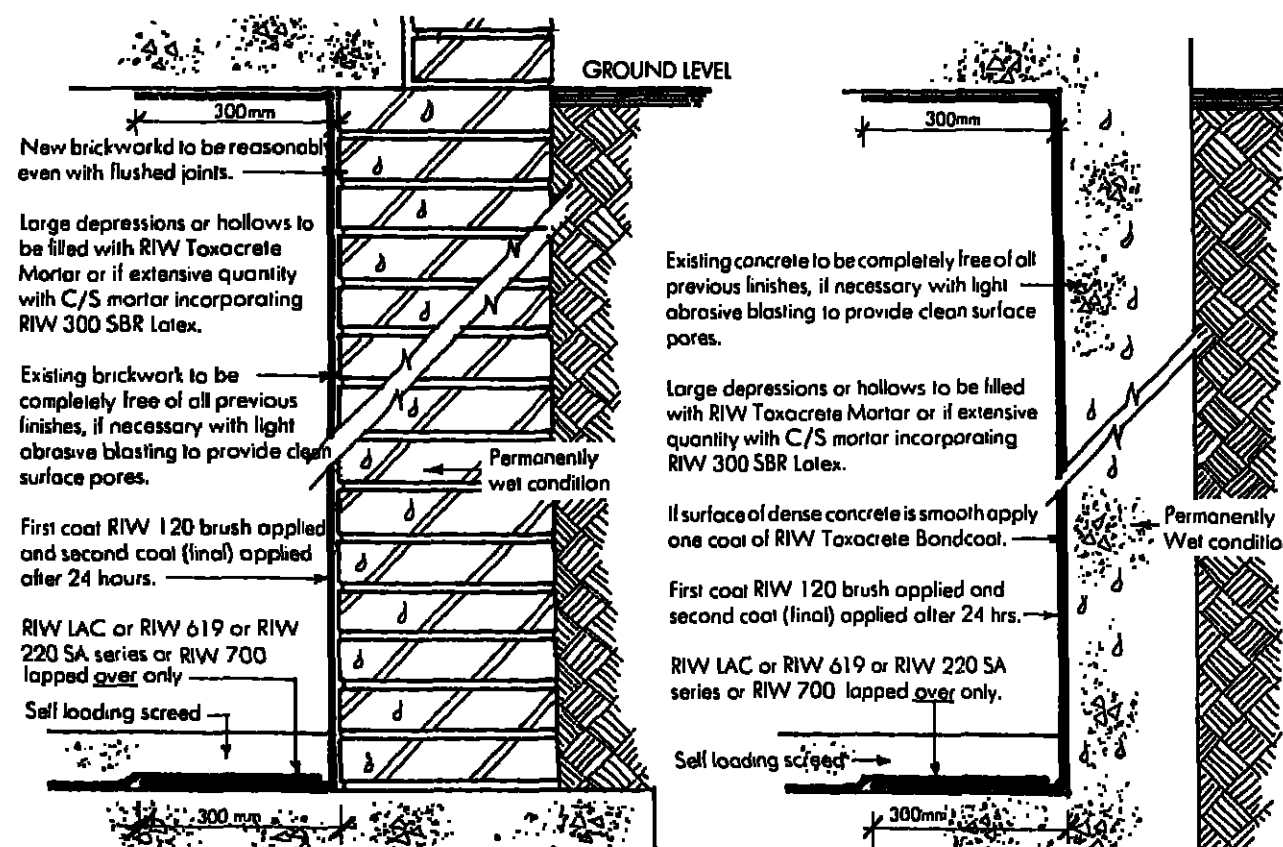
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• TREATMENT OVER RENDER BACKING



• TREATMENT WITH RENDER PROTECTION OVER

Render to minimum recommended thickness to reduce load and incorporating RIW 300 SBR latex.

First coat of RIW 120 brush applied with second coat also brush applied for max. roughness with additional key obtained by 'spatter' coat RIW 120 thrown on by brush or suitable mechanical means.

• TREATMENT OVER EXISTING BASEMENT CONCRETE

RIW 120 treatment as described lapped over prepared service entry.

RIW Toxicrete Bandcoat applied over prepared material.

Wet substrate.

• PROTECTION AT SERVICES ENTRIES

News

Council set to demolish 10 blocks

BIRMINGHAM District Council plans to demolish eight blocks of high-rise flats in Castle Vale and two in Bartley Green because repair and modernisation costs are too high.

The council's housing committee said it would be cheaper to demolish and rebuild but that

By Alan Thompson

the flats were not in immediate danger and would not be demolished for up to 10 years.

Latest figures for a suitable repair and refurbishment programme put costs at more than £15,000 per flat.

Structural reports by absailing surveyors CAN UK on most of the council's high-rise properties show that more buildings are likely to be too expensive to repair.

Preliminary findings for the eight 16-storey blocks on the Castle Vale estate show the main concrete spandrel beams could need repair, all external mosaic

cladding has to be removed, gable walls and parapets need attention and the inner skin of the hollow block external wall is defective.

The housing committee considered three options:

- To repair concrete beams and walls and overclad the exposed areas, giving the block 30-year life at a total cost of £11,348 per flat.
- To repair the beams and walls as above but to reinstate the mosaic cladding. Total cost: flat £9,848.
- To repair the beams and walls and to paint on a proprietary coating which would not require repainting at least for 10 years. Total cost—£8,848 per flat.

Only the first option is acceptable to the council. In addition to the repair of cladding costs, the transfer of tenants and a modernisation programme would have brought the cost up to just less than £16,000 per flat—much more expensive than demolishing and rebuilding.



Hackney's showpiece

Rod Hackney (second left) and residents of Black Road, Macclesfield, viewed representatives from a London estate around their community architecture showpiece.

The tenants association from Newquay House, Kennington, has arranged several fact-finding visits since community architecture experts the Thompson Associates were appointed to conduct a feasibility study into the estate, owned by the Duchy of Cornwall.

More than 40 tenants went to Lea View estate in Hackney (another Thompson project) and there have also been visits to co-operative housing projects in London and Liverpool.

Hunt Thompson have now given their report to the Duchy and it is hoped findings will be available in two weeks.

Delegates at the RIBA's "City-Wise" conference were encouraged to take part in the international community architecture conference planned for next year.

Closing the conference, RIBA president Larry Rolland said the Institute was very pleased to be supporting "Building Communities", the first international community architecture conference.

Wakefield makes plea for more house repairs cash

WAKEFIELD District Council has asked the Government to raise its housing improvement allocation by more than 400 per cent to £31 million to enable it to carry out essential housing repairs and improvements.

But housing officers have been told to expect a cut on last year's £7 million allocation and tenants could have to wait until the year 2027 for essential repairs to their homes.

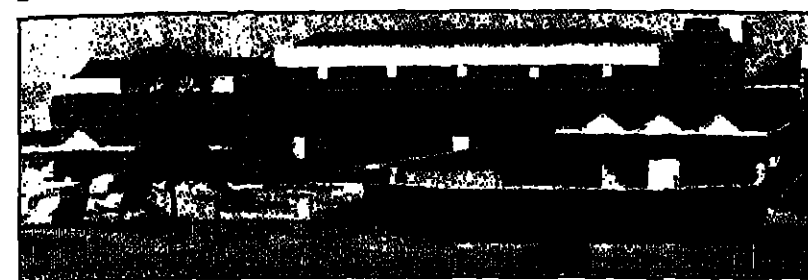
One council officer said: "We need £100 million now to carry out essential repairs."

A report by the council claims that 4,600 houses built after the war are in need of substantial repair and improvement. The cost of the work is estimated at £49.3 million.

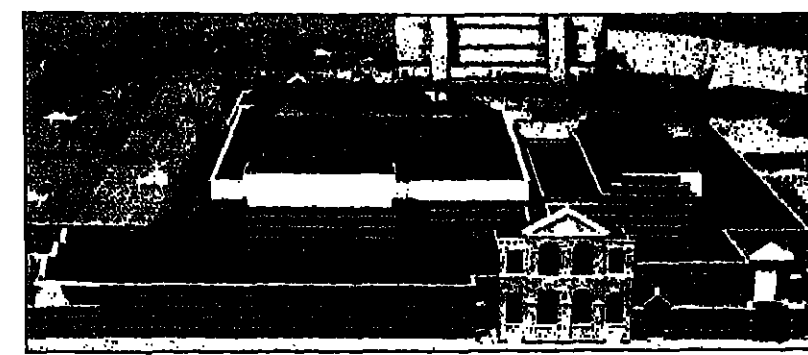
Monotremes last chance

THE RIBA's 1986 International Student Competition is exhibited at the Royal Academy, Piccadilly, London, until July 20, and 800 RIBA as listed in *Design*.

News



Sainsbury's has unveiled its John Living & Morrison Rose superstore proposal for Portsmouth. The £6 million development will involve the demolition of the Old Bell's School building, but the Clarence Street facade will be retained (right, foreground).



Government talks offer welcomed

THE Association of Metropolitan Authorities has welcomed the Government's offer of further talks on the possibility of higher capital allocations for housing.

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AMA housing chairman Clive Betts said most of them were not caused by lack of maintenance but by "poor design and unforeseen problems".

Higher rents, which the Government is asking local authority bodies to support, would not solve the existing problem, said Betts.

But he welcomed discussions with environment secretary Nicholas Ridley, who he said recognised the problem. "We want to see his words translated into action," said Betts.

Oxford council advised to hire outsiders for extension

By John Wood

OUTSIDE architects are likely to be used to design a leisure centre extension in Oxford because the city's own architects department cannot handle the job.

A meeting of the city council's finance committee last week voted to advise the council to hire Faulkner-Brown Hendy Wilkinson Stonor to design the £1.6 million extension.

But city publicity officer Roger Budden denied charges that the council's architects do not possess the expertise to do the job.

"We have got staff with the necessary expertise, but they are employed on other jobs," he said.

He defended the committee's decision, saying design work had to start this month and there was not time to train other members of the department or recruit architects with the required skills.

Budden also denied reports that hiring private architects would cost ratepayers an extra £200,000.

"The work will cost £200,000," he said. "But it would have cost that much if our architects had done the work, and it was allowed for in the original budget."

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Farrell's town centre plan gets a £45,000 boost

HAMMERSMITH & Fulham council is giving Terry Farrell £45,000 to develop his Hammersmith Town Centre scheme.

The newly elected Labour council is firmly opposed to the controversial Bredero proposals for massive office development, which it says is "irrelevant to community needs".

The council is also giving £50,000 to the Hammersmith & Fulham community trust to refurbish the Emerald Club on the north-east side of the site.

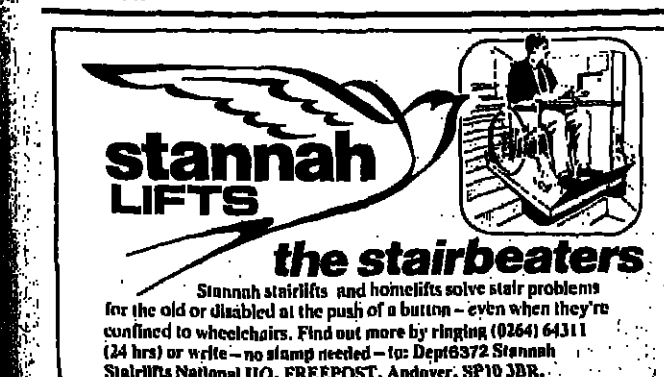
The freehold of the club was given to the trust by the Greater London Council during its last week of office.

The council said the club's location was a "further hiccup" to the Bredero scheme.



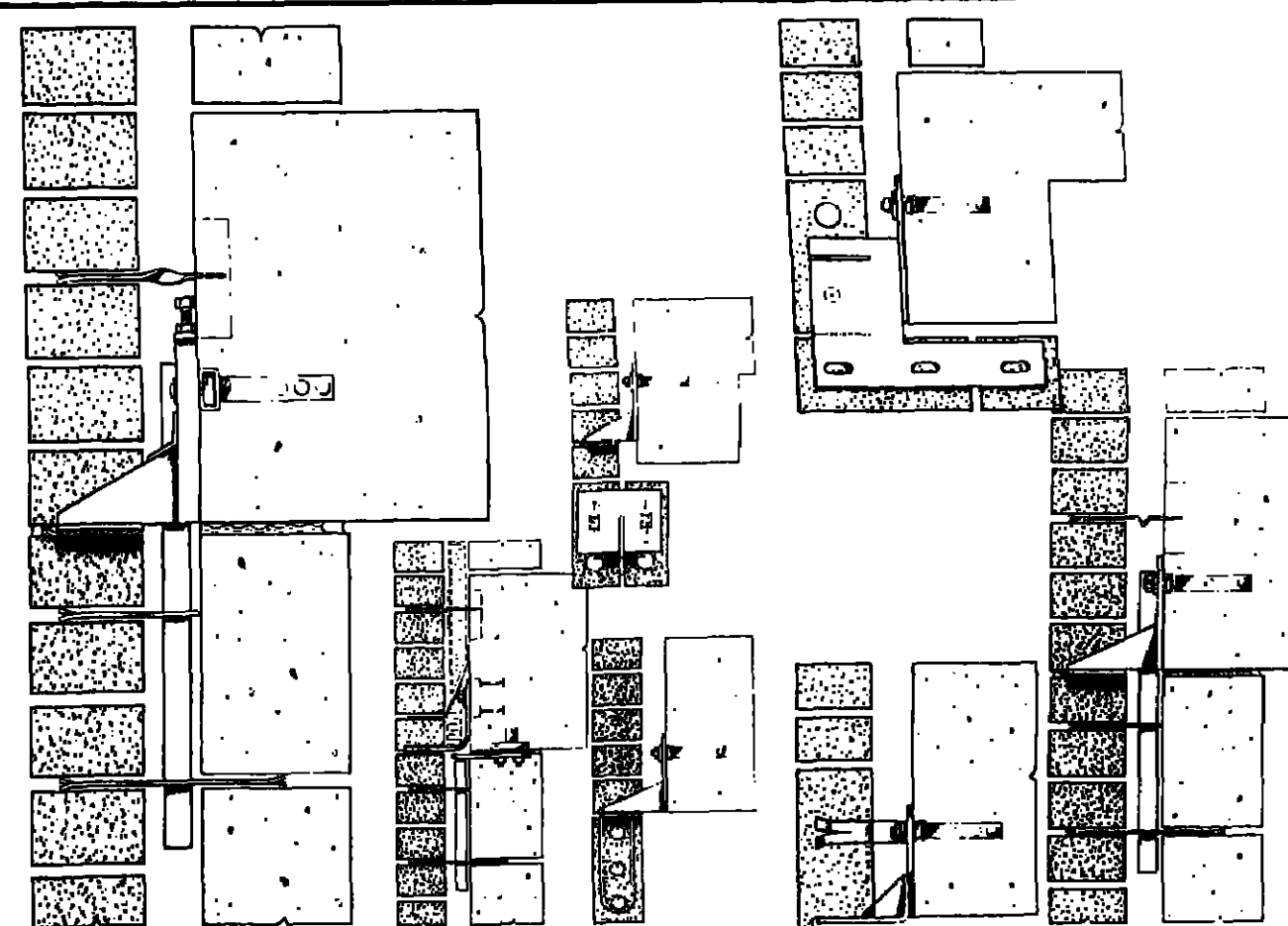
On show in China

The architecture and building branch of the Department of Education & Science was among 18 British organisations represented at the recent China District Exhibition in Beijing. Pictured on its stand are Liu Zhongle (left) vice-chairman of the Chinese State Education Commission, and Grace Kenny, senior research officer at the DES.



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Overseas notes

French dressing

CAPABILITY Brown was once approached by a wit with the remark that he was prepared to die first, if only to see heaven before it was landscaped with rolling hills and artificial lakes.

So it is today, when touring the magnificent restorations of entire streets in the gem towns of Brittany, where the visiting architect may be forgiven for his cynicism in photographing the few, yet unrestored buildings, if only as a record of what real towns must have been like before 20th century gentrification.

Throughout this century the French have been producing an armoury of laws and regulations for the rehabilitation of historic districts: from the 1913 Act for the protection of historic monuments to the Planning Act of 1985. During this period, in the words of one government official, "... the municipality became the motor of planning".

In Brittany last year, some £2.25 million was allocated to the replanning of 60 small town



Jim Antoniou

centres. The same amount has been set aside in the 1986 budget. More than 75 per cent of the Brittany regional budget for this year is being used to promote economic activity and employment. Thus, half the labour force in the construction sector in Brittany is employed in rehabilitation work. Restoration is also absorbing two out of three craftsmen in the region.

Beyond the construction industry, the aim is to assist economic growth, housing and not least tourism. In Brittany, some 14 "tourist reception areas" have been created. In addition, there is a register of "small towns with character", comprising 15 members, with the aim of exploiting the heritage value, mainly by promoting tourism.

Moreover, the patrons of conservation are not simply limited to hardcore environmentalists. In France, substantial sums are being invested directly into building restoration by no less a patron than the electricity authority — our own Electricity Board please note.

When walking around these charming places such as Rennes, Vannes, Vitré, Dinan, Lizio, Josselin and Rochefort-en-Terre, it is clear that many of these Brittany towns have received a highly polished veneer of restor-

ation: not a beam is out of place, not a stone remains undisturbed. Yet behind this facade of Breton charm is the nagging feeling that towns have been transformed into little white-washed scruffy but living entities, precious and decorative objects.

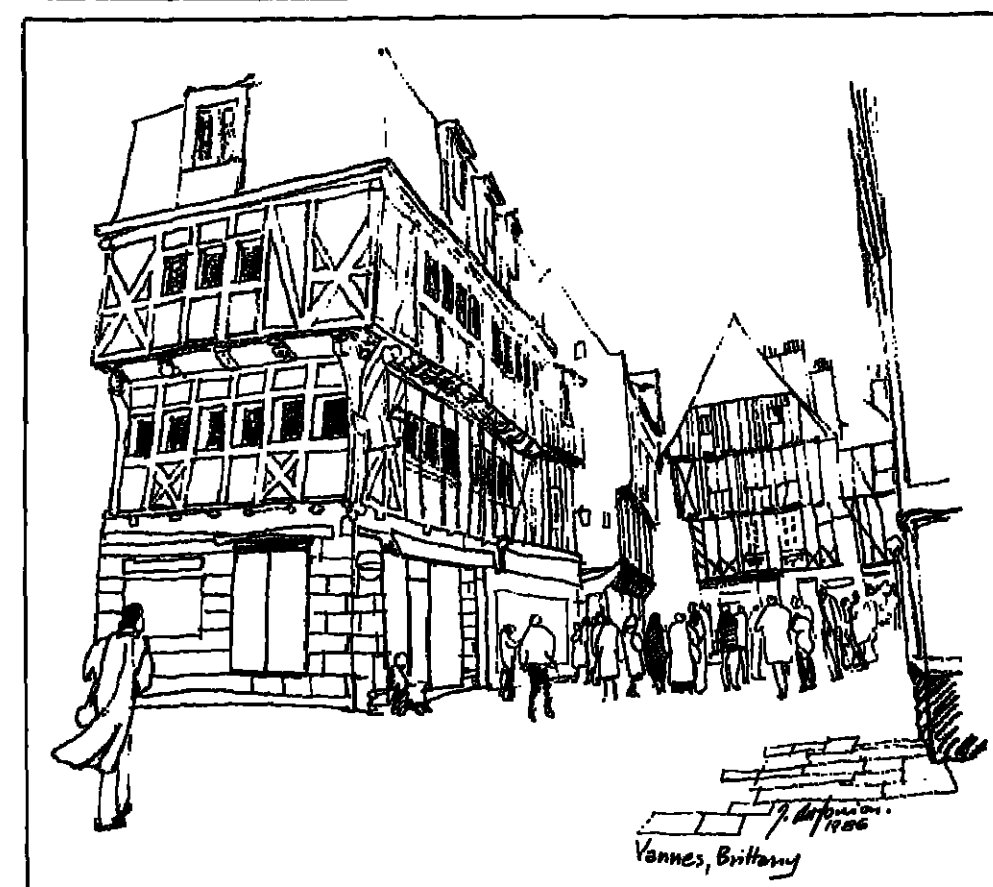
Thus, the once forbidding castle entrance has been transformed into a leafy tranquility, where once boiling oil threatened intruders, now hanging flower tubs greet the visitor. The historic dungeon has been tastefully turned into a reception hall; the meagre loft room, with its poignant sense of sea history, into a modern bathroom.

Undoubtedly, there is much to learn about buildings in context from the past, where sense of place has been of great importance when adding buildings. But increasingly, there seem to be fewer and fewer opportunities for innovative application. Few new buildings have been allowed to have a say in these precious medieval settings.

As in all European cities today, where energetic scrubbing of a fragile heritage is now standard practice, whether in Brittany or in the Cotswolds, there is no clear notion as to what role such towns are to play in the 21st century. Will they still be regarded as "old" districts, segregated from "new" ones, or will they be seen as they have always been in history: as living urban centres, with opportunities for continuous change and development?

The Swedes have a proverb: "if you can't find the beauty of its flight". It would be sad if architecture in European towns was grounded at the expense of capturing nostalgia.

Jim Antoniou is an architectural and town planning consultant who has been involved in many overseas projects, acting with agencies including the World Bank, the Council of Europe and Unesco, as well as with private clients.



Vannes, Brittany: a little white lie?

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2. Building Regulations Explained and Illustrated (Seventh edition) by Powell-Smith and Billington. Covers the new 1985 Regulations for all building types for England and Wales, with extensive illustrations and references to regulations and Approved Documents. Price £14.50 (paperback) £21.75 (hardback).

3. Hotel Planning and Design: a guide for architects, interior designers and hotel executives by Walter A. Rutes and Richard H. Penner. Identifies the key opportunities in this field and analyses the planning and design criteria for nearly 30 different hotel types. Specialised and up-to-date guidance unavailable elsewhere. Price £49.50.

4. The Classical Orders of Architecture by Robert Chitham. Immaculate line drawings and informative captions explaining the origins, development and practical usage of all the classical architectural elements. Invaluable to designers and fascinating for their clients. Price £16.45.

5. The Architect's Guide to Fee Negotiations by Ray Moxley. Competitive fee tendering has now become a reality of architectural practice. This book sets out all the items that have to be negotiated at each stage. Price £18.65.

6. Construction Project Management using Small Computers by Glen Peters. As well as explaining the principles of project management this book explains how they can be applied on small computers and which particular systems are most suitable. Price £15.35.

7. Legal and Contractual Procedures for Architects, Interior Designers and Hotel Executives. New edition of this popular reference work, which gives concise and simple guidance through the legal and contractual maze of everyday architectural practice. Price £9.85.

8. Contractor's Claims: An Architect's Guide by David Chappell. Explains how to avoid situations which give rise to contractor's claims for delays or expenses, and how to deal with them when they do arise. Price £15.35.

9. Manual of Graphic Techniques 4 by Tom Porter and Sue Goodman. The latest volume in this series uses drawings to show every aspect of development and presentation of plans, from interiors to elevations, site sections to sectional perspectives. There are black and white photographs and line drawings throughout. Price £9.85.

10. Specification 85 by David Martin. Eighty-second edition of this annual reference source for architects and specifiers in the construction industry. Volume 5 is a commissioned new volume devoted entirely to specification clauses. The six volume set is supplied in a library box. Price £57.50.

BOOK OF THE MONTH
Space on Earth—Architecture: People and Buildings by Charles Knevit. The heavily illustrated book of the current Channel 4 series takes a fresh look at some key issues of architecture and planning over the last 100 years: cities; skyscrapers; mass housing; conservation; and future trends, including community architecture. Price £9.85 (paperback) £16.45 (hardback), Inc. P4P.

12. A.J. Introduction and Complete Index to the 1985 Building Regulations Briefly explains what are the main changes; how to find all the references to any subject; a checklist of which British Standards are invoked by each section plus unique detailed subject index to every topic covered. Price £8.25.

16. Handbook for Clerk of Works (Third Edition) by G.I.C. Department of Architecture and Civic Design. This Third Edition provides a step-by-step guidance on the carrying out of all the duties of the Clerk of Works. Price £12.05.

17. Design Liability in the Construction Industry (Second edition) by D. L. Cornes. Includes extensive new material on the law of professional negligence including the latest cases after Pirelli. Price £19.00.

18. All Hellman Breaks Loose. Hilarious book which contains over 150 of famous cartoonist Louis Hellman's most popular cartoons. Price £5.50.

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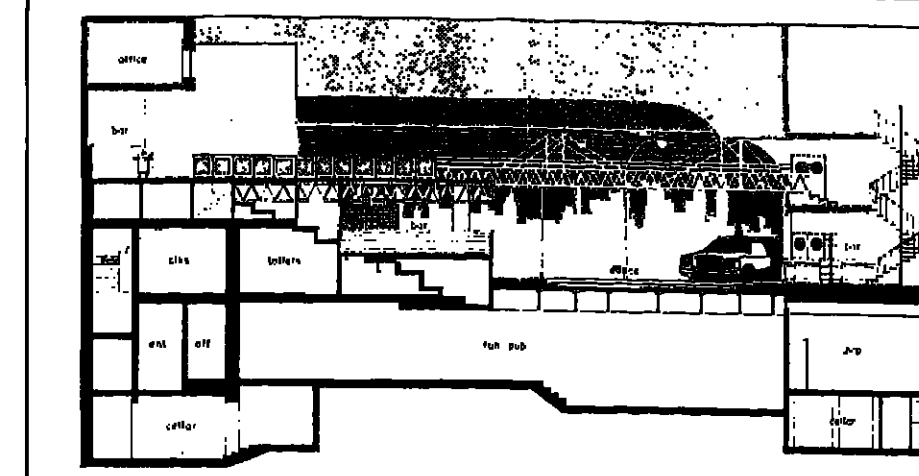


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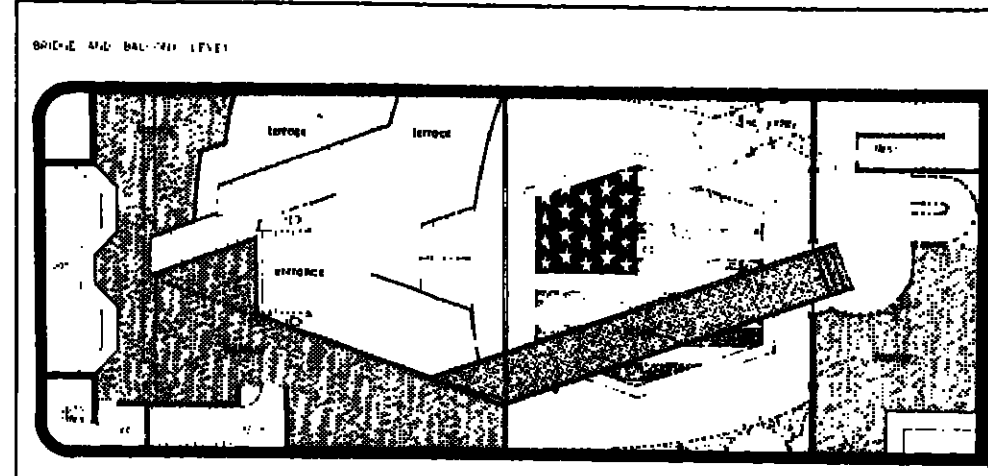
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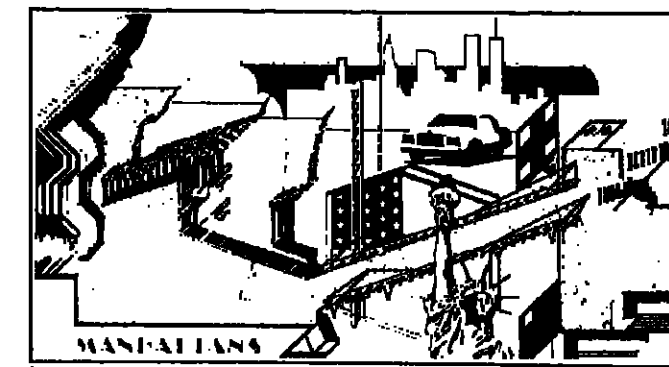
Longitudinal section. The architects added a new floor at first-floor level.



Bridge and balcony level plan.

MANHATTAN TRANSFER

Fiona Gorman goes
nightclubbing in
downtown
Barrow-in-Furness.



Manhattan Transfer at night.

ONE could be forgiven for thinking that New York and Barrow-in-Furness have got about as much in common as chalk and cheese. But the Cumbrians would tell you different, for they have a smart new nightclub, Manhattan, which gives them a real taste of the Big Apple.

The nightclub was designed by the 15-month-old James Baird & David Newby architectural and planning practice in the circle of the town's old cinema. The architects' £300,000 design takes many of the dormant elements of the Art Deco building, such as the proscenium, tiering and dramatic ceilings and re-uses them to create a new angled geometry. A new floor has been added at first-floor level which sits between a series of terraces and levels built behind the proscenium. The terraces, built off the original tiers, lead to a balcony and onto an enclosed bridge spanning the dance floor.

It was this bridge which helped inspire owner Terry Smith to name the club Manhattan, recalling the entrance to the heart of New York. The nightclub — now the scene of amateur dramatics as well as drinking and dancing — has been designed to hit the eye as dramatically as possible using

heroic proportions, props, wit and eclecticism to match New York's personality. The construction is largely of brick to reflect the brownstone of Greenwich Village. The entrance to the club has been disguised as a subway entry marked by traffic lights and various areas of the club are labelled by uptown and downtown street and avenue signs fixed to street lamps. These all form part of a computer-controlled light show. The hall can accommodate about 1,000 people comfortably and the architects and client aimed to enhance this feeling of space by creating a night sky using more than three miles of fibre optics to resemble 2,000 shimmering stars. Programmed flashes of lighting streak across the sky and illuminate the walkway.

An old Cadillac has been cut away so that it has apparently crashed into the wall and smoke spews out while the disc jockey runs his show from the inside. A replica of the Statue of Liberty and abstraction of the Manhattan skyline on screen-printed glasswork combine with the red, white and blue stars and stripes carpet to underline the theme.

Client: Terry Smith. Architects: James Baird, David Newby. Main contractors: Malcolm Goodwin; Poplar Bar Supplies; Ward Glas; Bats Brewery. Electrical contractor: Jim Symon. Shades: Screen Print.



Even the Statue of Liberty has a home here.



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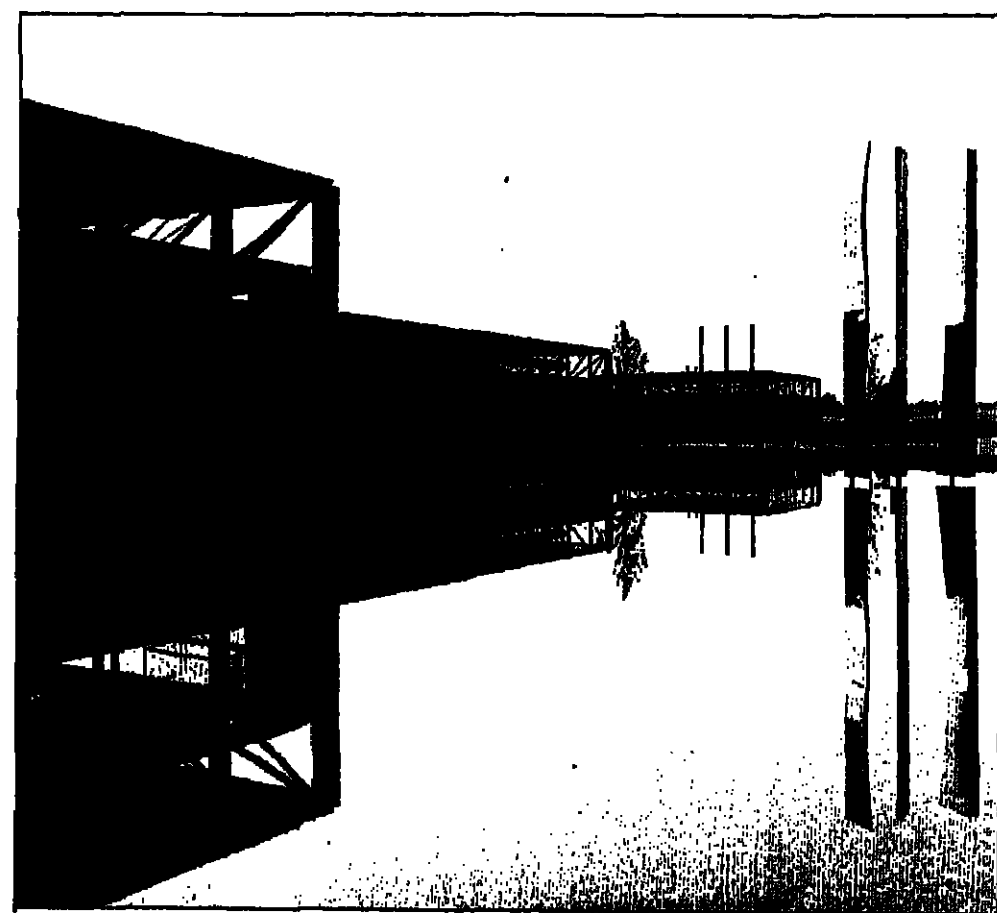
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WESTBRICK

Practice profile

DESIGNER COLLECTION

Fiona Gorman talks to an Irish practice which designs with art in mind. Photos: John Donat.



Gerda Frommel's sculpture for the P.J. Carroll tobacco factory at Dundalk.

THE idea of uniting art with architecture comes as naturally to some people as a nip of whiskey in coffee — and is just as unwelcome to others. But few practices show such a commitment to the concept as Irish architects Scott Tallon Walker.

"To me," says Ronald Tallon, "a building without works of art is empty. It's like a building without people." His opinion has been shared by the practice since the early days of founder Michael Scott.

Throughout his acclaimed architectural career Scott referred to his interest in art, making it the main focus of his attention after his retirement in 1975. His Irish Pavilion for the 1939 New York World Fair, for example, faces the world with a sculpture by Friedrich Herkner and lettering by Eric Gill. These elements are not included as side artefacts, but integral parts of the design.

And so it has been ever since. It is this philosophy of entwining the two artistic strands which the practice, now led by son Niall Scott, Tallon, Eugene McLernon and Michael Aston, seek to promulgate. Potential employees are quizzed as to how often they attend exhibitions. Tallon, who has been a partner since 1958, explains: "It is a natural progression. We always think in terms of works of art in buildings. It used to be that there were paintings on buildings. Art has only recently been divorced from them."

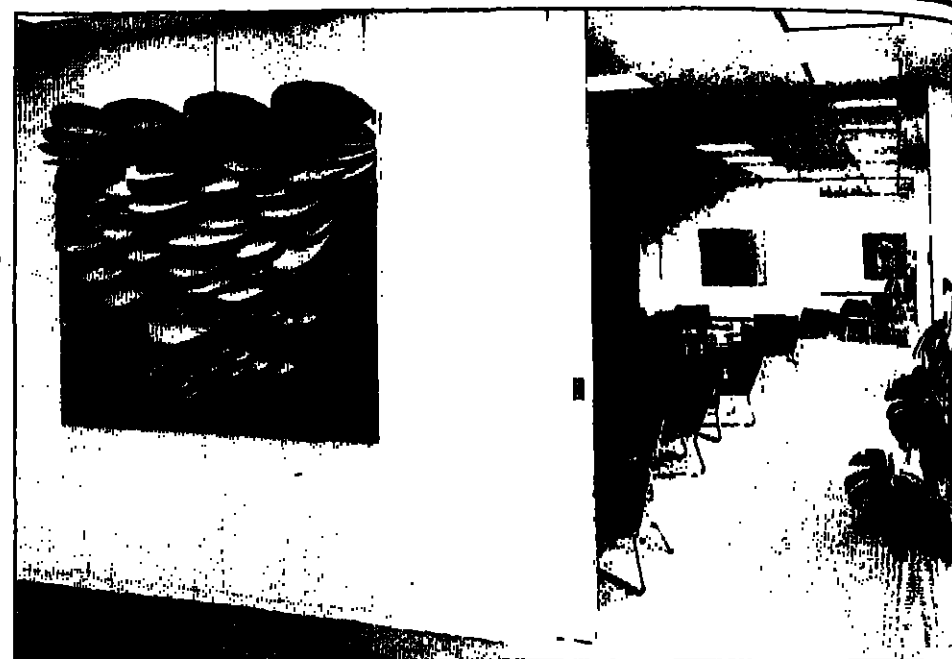
But other architects seem reluctant to design with art in mind, perhaps fearing that artists may underline their own creative inadequacies. Although Tallon acknowledges this crisis of confidence, he refuses to accept that a pluralist approach poses any threat to their designs or cramps their creativity: "We like to keep the interiors quiet, with use of natural materials as much as possible. People take on a presence in a building. It's the same with art. There is so much colour and variety in people, the nearest thing you can get to that is a painting."

It would appear that most of their clients agree. Tallon reckons seven out of 10 take to the idea of incorporating art within the overall design of the building, though one must bear in mind that many would not turn to the practice at all if they were not aware of what STW tend to do.

And of those who do not want art inside or out? Some will get away with a stylish building without a trace of sculpture or painting, while others may be subject to a little gentle persuasion.

Scott Tallon Walker point out that not only can works of art help introduce a more pleasing working environment and give patronage to artists who may otherwise receive little work, but they can also represent a sound investment.

The Bank of Ireland headquarters in Dublin — designed by the practice in the 70s — now boasts a modern art collection to



Derek Hirst's pictures define the corridors of the Bank of Ireland. The piece in the foreground is by Alexander Scott Tallon Walker's studio for sculptor Michael Warren is designed to complement his work and his thinking.



Richard Long's mural for the Guinness Hop Store.



John Burke's sculpture for the Bank of Ireland.

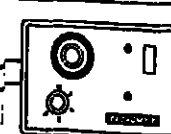
Taking a look into cheap hot water.

When you specify a water heating system for new or replacement work, you've got more than the installation costs to consider. These are important, of course, but you've got to consider the needs of the user, too. Here, we take a close look at electric water heating and see how it can satisfy both installation cost and performance specifications, including running costs.

OVERNIGHT SAVINGS

It's not generally known that, for seven hours every night, anyone is entitled to use cheap off-peak electricity to heat their water

Just as an example, a 210 litre (46 gallons) Economy 7 cylinder can provide plenty of hot water for a family of four using 200 gallons per week for about £90* per annum.



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DAYTIME ECONOMY

Economy 7 cylinders feature a special arrangement of two immersion heaters: one at the bottom to take full advantage of the overnight cheap-rate electricity; the other installed at the

* Figures based on information published in the Energy Efficiency Office 'Guide to Home Heating Costs'



A Special Economy 7 meter is fitted free by the local Electricity Board.

top to provide extra hot water on the Economy 7 day rate, if needed.

The two immersion heaters are controlled by an Economy 7 controller made to approved specifications by Horstmann, IMI Pactrol, Redring and Sangamo. They ensure maximum use of off-peak electricity to heat the water every night, automatically; a daytime boost is also available if needed.

Little topping up is needed, however, because Economy 7 cylinders are factory insulated to standards set by the Electricity Council, who recommend the kitemarked E7 cylinders made by Albion, Baguley, Elsy and Gibbons, Gledhill, Heatrae Sadia and IMI Range. These makes are available now from leading builders' merchants — ask for your copy of the stockists' list.

Fill in the coupon below or ring 01-200 0200 for further details.



Please send me the stockists' list and a copy of "Installers Pocket Guide" and "Specifiers Guide" which includes full details of Economy 7 cylinders and other related off-peak water heating equipment. Post to: Electricity Publications, PO Box 2, Feltham, Middlesex, TW14 0TG.

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equal any in the country. Another client found the paintings and tapestries in its administrative areas so popular with the employees that they are now looking for appropriate works for the production areas.

Scott is convinced of the value of this eclectic design approach: "If you take away the works of art in our buildings, the buildings are very nice — but the art puts them on another scale."

And, providing it is budgeted for from the outset, it is easy enough to justify the cost since it rarely works out to more than 0.25 per cent of the total bill. And, as Tallon points out, the cost of panelling a wall elegantly — if unimaginatively — can be far greater than plastering it and then commissioning a painting for it.

Scott would like to see the French and Dutch system come into play: every building project there has to include an artistic commission to the tune of 0.5 per cent of the total cost. Tallon stipulates that the architect should be responsible for choosing and briefing the artist, because he is the person who understands the building best and the forms certain spaces and vistas require.

Despite this apparent protectionist attitude to their designs, Tallon explains that when it comes to commissioning artists, "we tell them the scale of art we want to work with the building, but mainly we give them as free a hand as possible."

They may indicate an appropriate material or theme, such as

a nautical reference for the Dublin Port & Docks headquarters sculpture designed by Michael Warren.

Warren is one of several artists who have established a close relationship with the firm over the years and Scott Tallon Walker were keen to reciprocate with a new studio for the artist which was designed to complement his thinking and his works.

Another frequent contributor, Patrick Scott — his works include tapestries for the Bank of Ireland and, more recently, the London Light Source headquarters — was an architect with the practice for many years before devoting his time to painting and design.

Tallon is also responsible for drawing together artists for the quadrennial Rose "Poetry of Vision" international art exhibition, initiated by Michael Scott in 1967, so the practice's ties with the world of modern art are constantly reinforced and updated.

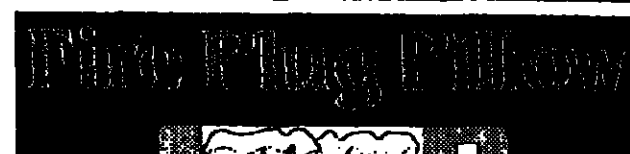
Tallon is in no doubt about why architects and the public are reluctant to commission modern art for their premises. "There is a lack of confidence in our own time," he says. People choose art and books which have already been deemed "classic" rather than run the risk of being criticised for their taste, or lack of it. But the penalty for this lack of courage is, as Tallon is at pains to point out, a poor representation of the talents of contemporary sculptors and painters.

A traditional metal roof has long been regarded as the crowning glory to any new building.

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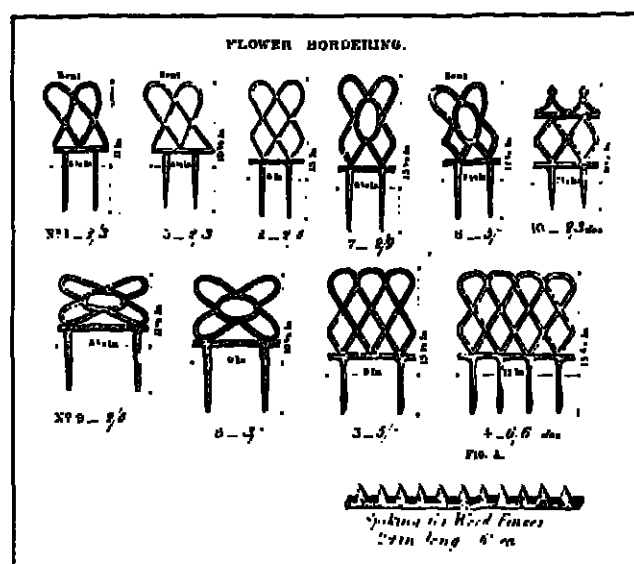
A case of cast iron

By Cedric Price

The Kenrick Catalogue of 1876 - Decorative Household Metalware. Thorston Press.

IN 1876 Colorado became a state of the US, GM Trevelyan and Pablo Casals were born, Alexander Graham Bell invented the telephone and Archibald Kenrick & Sons of West Bromwich, manufacturers of metalware, founded in 1791 and still going strong, produced this, their annual catalogue.

Containing more than 700 designs, some of the products being available in up to 130 varieties of size and colour, it is a breathtaking compendium of the interest, industry and market available to one compara-



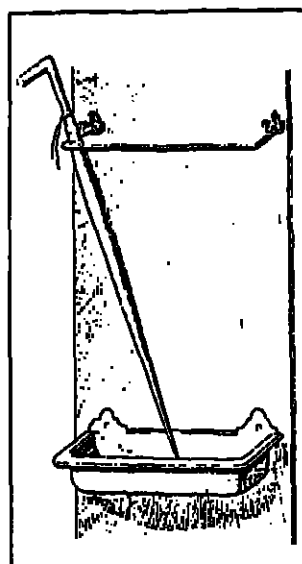
A variety of flower borders.

tively small manufacturer. When we, as specifiers, inspect the glossy catalogues of such products that arrive uninvited and unpriced in our mail we should be aware how sparse the choice and mean the variations offered are compared with those equivalents of former times. Such catalogues should make designers and architects realise how difficult it now is to achieve the range of consumer choice that we piously proclaim as our aim.

whether for the individual or the community — for our business is dependent on what is available and not merely our aesthetic or three-dimensional ingenuity.

Horrors this catalogue certainly contains, at least in terms of taste, excess or vulgarity, but few are devoid of a basic usefulness often combined with great ingenuity.

For example, the umbrella stand for pews may look ob-



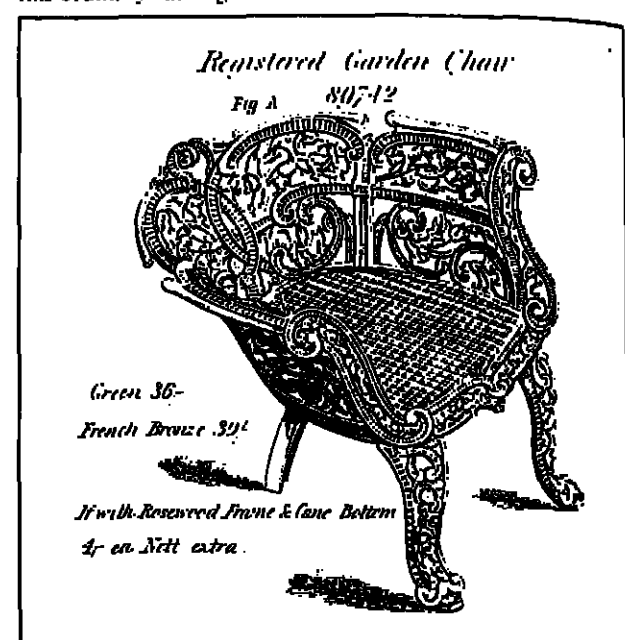
Umbrella holder for pews.

vious but where is today's equivalent for the car, cab or indeed railway carriage that will contain both position and rainwater? Some products have dropped in demand a little, such as spittoons, cork squeezers, sugar nippers and, possibly, surprise pins. Others are as socially and operationally as useful and delightful as ever they were and I deplore the absence of the contemporary equivalents. For example, the door

porter with handle, the cleanable pen, ink and envelope holder and the boot and shoe stand would all be welcome, though I would abhor antiques. I constantly use a boot jack, scraper, dibble tip and trivet which could well be contemporary with this catalogue.

As a design primer the lessons this ordinary catalogue teaches

are: the spatial value of providing support and fixing at heights for clothes, tools, equipment and flowers, the connecting of this country's weather and, finally, the sheer delight that can be achieved by the thoughtful use of the simplest object — for example, the directional or "ben" flower border.



Horrors abound, but the chair is nonetheless practical

Naive but lively

By Robert Harbison

Objects of Desire, Design and Society 1950-1980, by Adrian Forty. (Thames and Hudson £12.95 pp 256.)

THIS is a pugnacious and bracing book which takes issue with most of the previous writing on design, accusing it of lobotomising the subject; severed from brain and pocket, design is left hooked stupidly to the eye alone. Adrian Forty's way of reasserting economic and ideological causes is cavalier rather than painstaking. He seems to argue backwards from class origins to beliefs (X was an aristocrat, so he must have wanted to bolster his position). But if the answers are known before the study is undertaken, what is the interest of the inquiry? "I told you so" appears more than once in these pages.

Yet it is a lively perspective and the book makes a real contribution. If only it didn't feel the need to anathematise "art" and "temperament" because it is less interested in such ideas than uncovering commercial crassness where it lay unsuspected before.

The title ties up the book's contents considerably. It is in no sense a survey but a glancing treatment of a great many loosely allied topics which follow each other in pleasingly unsystematic fashion. Among these are: the design of radio cabinets (used as archetype of three main approaches to design: archaism, disguise, futurism — a model not applied to other cases, which would in fact fit only limited classes of design); Wedgwood's exploitation of Classicism, class antagonisms as seen in printed cotton, space distribution among office workers, art-furnishing of the 1880s and 90s, early attitudes to electricity, London Transport designs, Lucky Strike packs, portable typewriters, ventilation germs and hygiene, sex

coding in penknives, watch and so on, the servant-problem, soap and the change from bar to tablets, animals as portage on objects intended for children.

Some of these are familiar topics in the literature, others are not. Forty imparts a vigorous debunking momentum to his treatment of all of them, which are never over-long and stir up more than they can resolve.

One is tempted to say he has tackled too many different things, but the most attractive feature of the book is its mercurial refusal to still itself on the whole history of anything.

I find myself in disagreement with most of his negative judgments, when he is trying to exclude sensibility from any role in determining how art turned out; Frank Pick's taste for London Transport that he usually gives so much credit for, and Forty goes on to supply the commercial motives that explain this famous episode in the history. But these motives have operated many times without producing interesting design. It doesn't take good design to achieve them, only noticeable persuasiveness.

The Lucky Strike pack's facelift by Raymond Loewy is a near-ubiquitous case. I agree with Forty that Loewy's claims for this piece of gimmickry are preposterous. But his manner of exposing the fraud seems more "Couldn't many others have come up with this design?" or, bizarrely asks, revealing a primitive notion of historical possibility, which is not unknown in the tool kits of other crypto-Marxists.

He goes on to mystify and allegorise these cigarette packs in a far more outrageous way than their perpetrators ever have. According to Forty the Lucky Strike pack is so successful and long lived because it is quintessentially American and has managed to identify itself with the country and thus to contribute to the melting pot effect on generations of immigrants.

Like most cultural or quasi-Marxist inspirations, it is essentially a negative one, requiring some corrective, interesting to let any spokesman like Eliot or the American arbiter of taste have their say, but they will do so themselves to the Forty with grotesque anobbery and, alas, Outrage and, alas, always have a smaller most mental pantheon they do in this book.

INTRODUCING

SPI: A COMPLETE SYSTEM FOR THE DIVISION OF SPACE

Osella's versatile SPI partitioning and wall storage system is now available in the UK. Unlike many systems, SPI is truly demountable and almost all the component parts are reusable. It consists of two types of partitioning modules. TW12 is a double skin partitioning system. SW12 has a dual function: as a space divider and storage wall. Both can be fully integrated to provide virtually limitless arrangements for the division of space. Osella SPI incorporates elegant wall management. The partitioning modules BS 476 Part 8 30mm thick.

SW12 STORAGE WALL

Reconfiguration and can also be supplied in various levels of acoustic insulation. And here versatile the system is can be seen at our Milton Keynes showrooms. A new operation set up as part of our continued expansion plan to market and display SPI in full.

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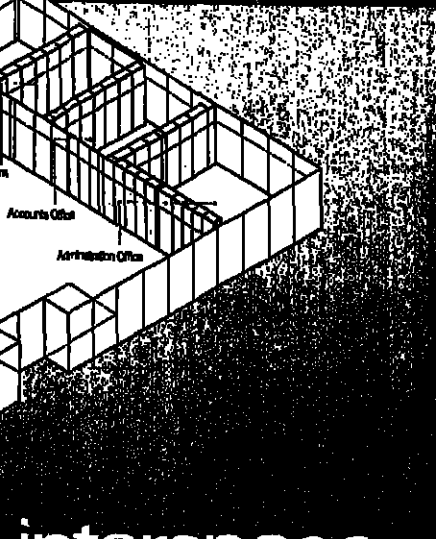
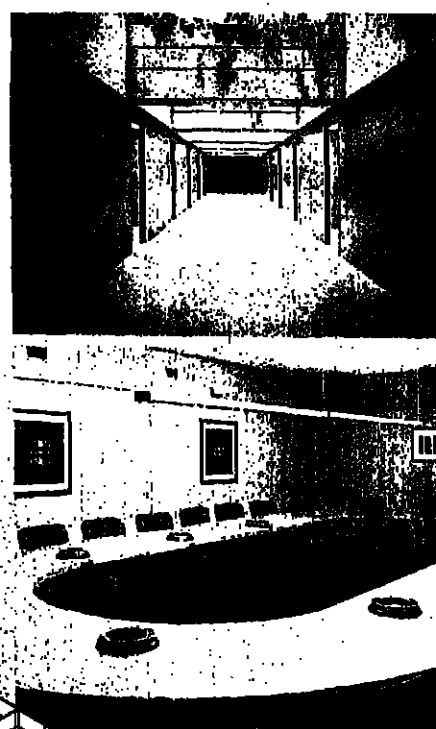
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New products

Compiled by Harold Hudson

All buildings decay — some more than others

INTRODUCING a recent seminar on "building deterioration" organised jointly by the Building Materials Group of the Society of Chemical Industry, the BBA and Taywood Engineering. Dr R D Browne of Taywood Engineering made the point that as soon as a building is started, deterioration commences. Forty per cent of the construction effort in the UK is now devoted to maintenance and repair, despite the fact that buildings are expected to last for 60 years.

Input to the proceedings included a contribution from Jack May on the difficulties of predicting in-use performance of materials, a paper by Steve Kelly on the assessment of plastic

materials' long-term performance, a paper entitled *Timber products versus time* given by J W Morgan of the BRE Princes Risborough Laboratory, two papers on climatic effects by other members of the BRE staff, a contribution on built-up roofing from Ruberoid and another on bricks and masonry from London Brick.

The one clear message was moisture causes most of the problems. Copies of the seminar papers are obtainable from The Society of Chemical Industry, Road and Building Materials Group, 14-15 Belgrave Square, London SW1X 8PS.

Harold Hudson

If you would like more information on the products on these pages, fill in and return the pre-paid enquiry card.

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Vented torch-on



COLAS Building Products has introduced the new Parbon vented torch-on system for flat roofs comprising a vent sheet and a cap sheet, the whole system being fixed by one torching operation. The perforations in the vent sheet are four times as large as in conventional venting layers and this facilitates improved bond strength of 11 per cent as opposed to 4 per cent in the case of BS venting layers. Also moisture dissipation is facilitated by the venting layer.

Enter 100 ON EXPRESS ENQUIRY CARD

Ridge terminals

TWO new ridge terminals have been introduced by The Marley Roof Tile Company. The first is said to be a new concept in soil pipe termination and is totally invisible from the ground. It consists of a simple upvc duct incorporated into a concrete ridge tile. The second terminal is for roof space ventilation which is claimed to be completely weatherproof due to its deflector system. The terminal can also be used with a mechanical extractor to take moist air from bathrooms or kitchens.

Enter 101 ON EXPRESS ENQUIRY CARD

Polymer slates



MANUFACTURED of polymer concrete, The Marley Roof Tile Company's new look-alike slates come in two forms — a flat traditional "Duchess" slate and an interlocking version. The flat slate is 600mm x 300mm and comes in two finishes — a smooth finish to simulate man-made fibre slates and a stippled finish to simulate the natural product. The interlocking version is slightly thicker and also is supplied in the same two finishes.

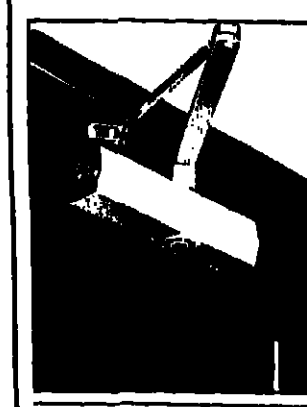
Enter 102 ON EXPRESS ENQUIRY CARD

Suspended ceiling

SIMPLE to install, light in weight, the new Lintum ceiling systems from Thermo Acoustic Products consist of profiled aluminium strips, slotted into a universal aluminium carrier bar, with special splice pieces joining carrier lengths or end-to-end strips. It is pre-finished to a wide range of colours and finishes (including metallic and mirror) and strips can be supplied solid or perforated for acoustic application. Lintum can be installed "floating" at a distance from the perimeter walls.

Enter 103 ON EXPRESS ENQUIRY CARD

Door closer



ADJUSTABLE for door widths up to 1,250mm by using different positions on the mounting plate, the Vario 86 multi-strength door closer from BKS is now available in the UK. Invisible mountings, a neat and compact appearance (50mm high x 220mm long) supplied in silver, dark brown or other colours at special request, the Vario 86 is suitable for left- or right-hand doors with standard or hold open arms. Its closing power can be controlled from any opening angle up to 180 degrees.

Enter 104 ON EXPRESS ENQUIRY CARD

Trunking

INKA 140, a new segregated aluminium skirting trunking, has been added by Thorsman to its Torsystem 2000 range. Measuring 140mm x 50mm, Inka 140 is fitted with three segregations to give up to four compartments for cables for power, telephone, computer, alarm etc. Additionally, there is a separate compartment for VDU etc. Additionally, there is a separate compartment for VDU etc. Additionally, there is a separate compartment for VDU etc.

Enter 105 ON EXPRESS ENQUIRY CARD



INSULATING SARKING

CELOTEX has discovered a new use for its Double-R Thermal Sheathing — a material which was originally introduced a few years ago as an insulating, intended to be placed on the outside of timber-framed walls. Now Celotex is suggesting that Thermal Sheathing can be used as an insulating sarking, particularly where room-in-the-roof and mansard forms of construction are envisaged.

Wherever the ceiling is being fixed to the underside of the rafters, Thermal Sheathing solves the complex problem of achieving the desired U-value without

creating complicated ventilated problems in order to avoid the danger of interstitial condensation. In normal forms of construction, U-value of 0.14 can be obtained using a 50mm thickness of Thermal Sheathing.

Counterbatens are first fixed through the insulation into the rafters, then felt is draped over counterbatens and battens are fixed to receive the tiles or slates.

Enter 106 ON EXPRESS ENQUIRY CARD

Glowing nosings



RELIABLE and safe, Jalite's photoluminescent stair nosings glow in the dark for an extended period. The nosings consist of a black, brown or beige pvc angle extrusion with an integral 10mm photoluminescent rounded nosing. On exposure to natural or artificial light, this "charges" and will emit its stored light during the hours of darkness. No batteries, wires or lamps are required.

Enter 107 ON EXPRESS ENQUIRY CARD

Fire curtain

EXISTING fire resistant fabrics in the Tyglas 1000C range from Fothergill Engineered Fabrics have been joined by a new material — YO462/398. This single-layer fabric is only 1.5mm thick and yet in a BS 476 Part 8 test carried out by Warrington Research Centre, the material survived in a furnace at over 1,000 degC for two hours and forty minutes. Unit-like filaments of stainless steel contained in the fabric's glass yarn give it increased strength at high temperatures.

Enter 108 ON EXPRESS ENQUIRY CARD

1986 floors



AMTICO, the company which does amazing things with wood, has introduced a new 1986 collection of natural wood look-alikes. The Wood Collection now offers 10 wood effect finishes. Bleached Oak to Black Walnut. There are also two new finishes in Blackwood and Striped with bevelled edges. Also Florentine and Onyx marble simulations are now available, while the new Onyx granite-effect flooring is available in six colourways.

Enter 109 ON EXPRESS ENQUIRY CARD

Carpet fibre

ICI FIBRES has announced what it believes to be a major breakthrough in carpet fibre development which combines a new polymer system with novel fibre technology. Tactess is the name of this new fibre and when made up into a carpet, it provides a balance of superb technical performance with soft handling and a rich appearance. This is a worthy reinforcement to ICI's successful Timbrelle fibre.

Enter 110 ON EXPRESS ENQUIRY CARD

Dateline

Items for consideration must be received 10 days prior to publication

This week

Today — Friday
Architectural conservation summer school 1986.
Venue: West Dean College, Chichester.
Details: The Administrator, West Dean College, Singleton, Nr Chichester, West Sussex.

Tuesday
Study tour to National Garden Festival in Stoke-on-Trent, organised by the Town & Country Planning Association.
Cost: TCPA members £25 plus VAT, non-members £30 plus VAT.
Details: Sally Scarlett, 01-903 8903.

Tuesday
A demonstration of FCG Computer Systems' computer packages for the building industry.
Venue: Building Centre, Store Street, London WC1. 11am, 2pm & 4pm.
Details: FCG Computer Systems 01-388 7345.

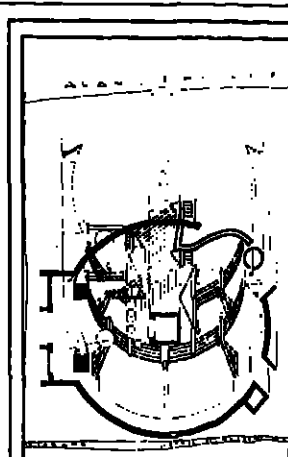
Wednesday
Spatial transition and the experience of movement, a design workshop in the series "Reading architecture", organised by the Polytechnic of North London.

Venue: The Polytechnic of North London, Holloway Road, London N7, Room 131. 10am.
Cost: Series £75, one day £12.
Details: Jon Finlayson, 01-607 2789.

Friday
Thatching, seminar organised by the Thatching Advisory Service.
Venue: Thatching Advisory Service, 29 Nine Mile Ride, Finchampstead, Nr Wokingham, Berkshire, 9.30am — 5.30pm.
Cost: £65 plus VAT.
Details: Tessa Blair, Thatching Advisory Service (0734) 734203.

Exhibitions

Today until Tuesday
York to New York, the drawings of



Tuesday until August 14. An exhibition of the Diorama and other projects by Alan Phillips Associates. Venue: RIBA, 66 Portland Place, London W1. Details: 01-580 5533.

Alan Cameron, organised by Istock Building Products. Venue: Istock Brickwork Design Centre, 43 Queen Square, Bristol. Friday — Tuesday, 9am — 5pm. Details: (0272) 272766.

Until Sunday
Paul Sayers, his paintings. Venue: Holland Gallery, 129 Portland Road, London W11. Details: Renske Mann, Holland Gallery, 01-253 2030 (days), 01-727 7198 (even).

Until Sunday
The winners and other selected entrants to the RIBA International student competition. Venue: RIBA, 66 Portland Place, London WC1. Details: 01-580 5533 (ext 4120).

Wednesday-August 31
British youth culture, organised by the Boilerhouse. Venue: The Boilerhouse, Victoria & Albert Museum, London SW7. Weekdays and Saturdays, 10am — 5.30pm; Sundays 2.30pm — 5.30pm.

Details: Mary Mullin or Helen Rees, 01-581 5273 or 225 1399.

Until Friday
Architects — North East, the work of 24 architectural practices and departments in the North-east. Venue: RIBA Regional Headquarters, 6 Higham Place, Newcastle-upon-Tyne. Details: J Kinnond (0632) 324436.

Until Friday
Cityscape, organised by the Northumbria Branch RIBA. Venue: RIBA Regional Headquarters, 6 Higham Place, Newcastle-upon-Tyne. Details: J Kinnond, (0632) 324436.

Until Friday
Archi Isosaki's Tokyo City Hall competition entry. Venue: 9H Gallery, 26-28 Cranmer Street, London W1. Weekdays 12.30 — 6.30pm, weekends 2pm — 6pm. Details: 9H Gallery, 01-486 3555.

Until Friday
Annual exhibition of students' work at the Polytechnic of Central London. Venue: Polytechnic of Central London, 35 Marylebone Road, London NW1. Details: 01-486 5811.

July 26 — October 26
Peter Henry Emerson, landscape photographer and writer. Venue: Sainsbury Centre for Visual Arts, University of East Anglia, Norwich. Details: (0603) 561 61 (ext 2465).

July 29 — August 31
Fresh Art — work by recent British art students, organised by the Nicholas Treadwell Art Gallery with the Barbican Centre. Venue: Barbican Centre Concourse Gallery, Barbican, London EC2. Details: Nicholas Treadwell, (0227) 831452, or Christopher Senior, 01-638 5403/4141.

Until July 30
Architectural drawings by Hugh Ferriss, organised by Whitney

Museum of American Art, Venice Whitney Museum of American Art, 787 Seventh Avenue, New York, 10019. Details: (212) 570 3633 or 554 2468.

Until July 31
Working with light, exhibition of stained glass. Venue: Maritime & Industrial Museum, Museum Square, Swansea. Details: (0792) 50351.

Until July 31
Front to back: Images in tapestry and wood, by Candace Bakouh and Howard Raybould. Venue: Crafts Council Shop, the Victoria & Albert Museum, London SW7. Details: 01-589 5070.

Until August 2
Ian Walton: paintings, constructions and works on paper, organised by the Curwen Gallery. Venue: Curwen Gallery, 4 Windmill Street, London W1P 1HF. Open Tuesday — Friday 10am — 6pm; Saturday 11am — 4pm. Details: 01-636 1459.

August 27
Workshop for access officers, organised by the Centre of Environment for the Handicapped and the Access Committee for England.

Venue: King's Fund Centre, 12b Albert Street, London NW1. 10-10am — 4pm.
Cost: £35 plus £5.25 VAT.

August 4 — 16 (excluding Fridays and Sundays)
The history of the fine and decorative arts, course organised by the Victoria & Albert Museum. Venue: Victoria & Albert Museum, London SW7. 11am — 4.30pm. Cost: £150.
Details: Angela Thurgood.

Education Department, V&A Museum, London SW7 2RL.

August 16 — September 27
One-week study tours of Sweden. Each tour starts in Malmö on Saturdays and finishes in Stockholm the following Saturday. Details: The National Association of Swedish Architects, Norrlandsgränd 18, S-111 43 Stockholm, Sweden. 08-24 02 30.

August 24 — 29
The first international conference on lightweight structures in architecture, organised by Unisearch and the Lightweight Structures Research Unit, School of Architecture, University of New South Wales, Australia. Venue: The University of New South Wales, Sydney, Australia. Cost: Basic registration fee for delegates and presenters is \$A535; for an accompanying person and for students \$A150. These figures do not include the cost of programmed events or accommodation.

Details: Conference Tones LSA '86 Secretariat, Unisearch, Unisearch House, 221-227 Anzac Parade, Kensington, NSW 2033, Australia.

August 27
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Cost: £35 plus £5.25 VAT.

Members of CEH £29 plus £4.35. Details: Alice Noon 01-222 7980.

August 29
Thatching, seminar organised by the Thatching Advisory Service. Venue: Thatching Advisory Service, 29 Nine Mile Ride, Finchampstead, Nr Wokingham, Berkshire. 9.30am — 5.30pm. Cost: £65 plus VAT.
Details: Tessa Blair, Thatching Advisory Service (0734) 734203.

People

Moxley, Jenner & Partners of 7 King Street, Bristol, and 1 Hobhouse Court, Suffolk Street, London, announced that Michael Jenner retired on July 1 as partner and will become a consultant to the practice. Glyn Stanton also retired as consultant. Patrick Emmet is retiring as a partner to form Wrightson Pitt Emmet, Quantity Surveyors, of 30 Queen Square, Bristol. Tony Coles, Paul Haines, Graham Milson and Jan Randall are appointed associates to the practice.

Chartered quantity surveyors and building cost consultants the Kennell Partnership, of London and Brighton, have merged with Derek Cus Partnership & Associates of London to create a Kennell Partnership with increased manpower.

The Institute of Housing has moved to 9 White Lion Street, Islington, London N1 9XJ. 01-837 4280

Subscription details

Building Design is published weekly and sent free of charge to registered architects working in the UK and selected members of allied trades. Subscription rates: one year £30, overseas \$80, single copies 60p. Orders to: Subscription Dept, Morgan Grampian (Construction Press) Ltd, Morgan Grampian House, Calderwood St, London SE18 6QH (01-855 7777).

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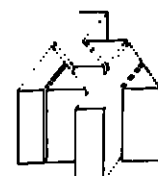
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Lovell Homes Southern Ltd., who are currently building approaching 400 houses per year, are part of the private development housing division within the Lovell Group. We now have a vacancy for someone suitably qualified and experienced to take charge of our Technical Services and Design department.

The successful applicant will report to the Land and Planning Director and be responsible for co-ordinating the work of a small, in-house team supported by outside professionals. Previous private development housing experience is essential as is the ability to produce imaginative sketch layouts. Applicants must be qualified to a minimum of HNC/MSAAT and possibly RIBA. For this important position we offer an excellent salary, negotiable according to age and experience, plus a Company car and other benefits associated with a major, national Company, including 28 days annual holiday, Pension and Life Assurance Scheme.

For further details and an application form please contact Mr G. C. Lean, Personnel Manager, Lovell Homes Ltd., Prospect House, Crenson Street, High Wycombe, Bucks. HP13 8LT. Tel: High Wycombe (0494) 443751.

Lovell Homes

GLOUCESTERSHIRE BASED
with a widespread practice
We have vacancies for an

ARCHITECT

with some years experience in private practice and a part III graduate with marked design ability.

Please send CV to:-

Patrick Blisley

The Falconer Partnership

The Hill, Merrywalks, Stroud, Glos. GL8 4ER

ARCHITECT & TECHNICIAN

lively West Midlands practice with expanding workload.

C.V. to:-

Hickton Madeley & Partners

94 Hatherton Road

Walsall

W. Midlands SW1 1XP

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invite applications from

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able and willing to create

ARCHITECTURE

from building projects in

our expanding portfolio

CV and A4 illustrations to

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01 226 5291

17 Compton Terrace London W11 2UP

JOHN S. BONNINGTON PARTNERSHIP

As a result of new commissions both in the UK and overseas, we have a number of staff vacancies:

ARCHITECTS

TECHNICAL DESIGNERS

ASSISTANTS

INTERIOR DESIGNERS

(WITH A MINIMUM OF 2-3 YEARS EXPERIENCE)

YEAR OUT STUDENTS

Projects currently being undertaken in the practice include major hotel and office developments in London, high tech research buildings and a number of unconventional refurbishment projects.

Please send your C.V. to:-

Liz Sanders

John S. Bonnington Partnership

Tytenhanger House

St. Albans, Herts AL4 0PG

Telephone: 0727 93633

SENIOR SERVICES ENGINEER

Up to £15,195 p.a.

Applications are invited from Members of the Chartered Institute of Building Services Engineers or from similarly qualified persons for the above post in the Architects Department of the Corporation. The successful candidate will have responsibility for overseeing the Corporation's Services programme into the next decade covering a wide range of building projects comprising Advance Factories, Commercial Properties, Sheltered Housing and House Modernisation.

It is essential that applicants demonstrate a wide knowledge and experience of electrical work; a working knowledge of mechanical services would be advantageous. Previous supervisory experience is necessary as the successful candidate will be required to supervise a team of Engineers and Clerks of Works who are responsible for the implementation of all services contract of contracts from initial design stage to completion.

Salary placing will be in relation to qualifications and experience. Generous annual leave and public holiday entitlement; choice of superannuation schemes and free group life assurance. Car loan scheme and allowance may be available and removal expenses may also be paid.

Application forms are available from the Personnel Department, and completed forms should be returned within 14 days of the appearance of this advertisement. East Kilbride Development Corporation, Atholl House, East Kilbride. Tel. East Kilbride 41111.

East Kilbride
Development
Corporation
Join Britain's most successful new town.

PRACTICE ON THE SOUTH COAST MAKES PERFECT!

We are looking for the right people to join us be they Architects or Technicians. Contact us with your CV. INHERDALE HUDSON PARTNERSHIP
25 Lushington Road, Eastbourne
E. Sussex BN21 4LG

BRISTOL

FUTCHER & FUTCHER

107 Lower Redland Rd, Bristol BS6 6SW
require an Architect near or Post Part III to take on interesting O.P. housing projects.

Design ability important.

Good experience with friendly office.

Principal Architect

Salary Scale: £11,850-£12,885 per annum

Based within the architectural section of the Technical Services Department, the successful applicant will be required to deputise when necessary for the Assistant Director (Architecture) and to assist in managing and co-ordinating the activities of the section, as well as preparing and advising on architectural design and contractual matters.

You will be a registered architect with several years post qualification experience in an office producing a good standard of architecture. Experience of local authority housing would be an advantage but of greater importance are a high standard of professional competence and design ability, a pleasant manner and the necessary drive to achieve programmes successfully. Additional benefits include temporary housing, if required, and generous relocation expenses to this fast growing, pleasant rural area with easy access to London, Cambridge, The Midlands and the North.

Application form and job description may be obtained from the Personnel and Training Officer, Pathfinder House, St Mary's Street, Huntingdon, Cambs PE18 6TN. Telephone 0480 42151. Closing date: 4th August 1986.

HUNTINGDONSHIRE DISTRICT COUNCIL

Group Architect

£12885-£14025 (salary award pending)

An experienced and enthusiastic architect is required to lead a busy team of architects and technicians engaged upon a variety of major projects in a progressive multi-disciplinary office which possesses a CAD facility. The post involves all technical aspects of project running from inception to completion and also carries responsibility for programming and co-ordination of the groups work.

Application form and further details from Property Department, County Hall, Exeter EX2 4QQ. Tel Exeter 27 2803. Closing date 8 August 1986.

DEVON

DIRECTORATE OF TECHNICAL SERVICES

Development Services Division -

Architecture Group

Architectural Assistant/ Technicians

(2 posts)

Starting salaries between £8,613 - £11,331 depending upon experience and qualifications.

We are looking for enthusiastic and experienced technical staff to strengthen the multi-disciplinary Architecture Group. You will join established teams responsible for a varied range of projects at all work stages.

If you have a good track-record and can demonstrate initiative and first-rate technical skills, we can offer positive opportunities for individual responsibility and advancement.

There is a possibility of day release for those on a course of study.

YORKSHIRE REGIONAL HEALTH AUTHORITY
Regional Architect's Department - Harrogate
TECHNICAL ASSISTANT
GRADE II
 Salary Scale: £7,596-£8,480 (under review)
 Required to join a team of Architects and Technicians engaged in an on-going programme of health buildings. Our modern offices are situated in the centre of Harrogate and also house the fellow disciplines of the Estates Directorate.
 Applicants must have an ONC or HNC with 7 and 5 years relevant experience respectively. Candidates who have alternative qualifications in an appropriate subject will be considered. Experience in health building work is an advantage.
 Application form and job description may be obtained from and should be returned to the
Regional Personnel Officer
 Yorkshire Regional Health Authority
 Park Parade
 Harrogate HG1 5AH
 (quoting ref no P717)
 Closing date 1 August 1986

BURGESS + PARTNERS
 Architects, Planners, Quantity Surveyors
ARCHITECT/URBAN DESIGNER
 required by established busy practice in Central Cardiff. Design ability and experience in mixed use commercial developments essential.
 The successful applicant will be expected to take an active role in expanding the Urban Design/Planning capacity of the practice and will be working in the close liaison with both Architectural and Planning Partners Associates on a variety of projects.
 Attractive salary and working conditions.
 Apply in writing with C.V. to:
Burgess + Partners
 Castle Buildings
 Womansby Street
 Cardiff CF1 5RG

LEEDS POLYTECHNIC
 Faculty of Design and the Environment (formerly the Brunel School of the Environment)
 Applications are invited for the following posts in new departments to be established within the Faculty.
 Department of Architecture and Landscape

PRINCIPAL LECTURER
 To be responsible for a major contribution to the academic leadership and development of courses. Applicants should be registered architects, and have considerable practice and teaching experience. Membership of RIBA would be desirable, but is not essential.

SENIOR LECTURER (3 Posts)
LECTURER II (1 Post)
 Candidates with proven expertise in Building Services, Fabrication, Computing, Architecture History/Theory, or Energy, are invited to apply for the above posts. In addition to registration as an architect, applicants should be able to demonstrate active research interests.

LECTURER II (LANDSCAPE ARCHITECTURE)
 Applications are invited from qualified landscape architects with experience in education and/or practice. Experience is sought in the following areas:

Broadacre Green Structure design
 Urban Landscape design
 Rural Landscape and resource utilisation
 A higher degree and active interests would be an advantage.

Salary Scales
 Lecturer II: £8,076 - £12,945
 Senior Lecturer: £11,958 - £14,046 (bar)
 £18,046
 Principal Lecturer: £14,013 - £15,600 (bar)
 £17,618

Details From: Mrs H Cate, Staffing Officer, Leeds Polytechnic,
 26 Queen Square, Leeds LS2 8AF. Tel: (0532) 462365.
 Closing Date: 8 August 1986 PLEASE ENCLOSE A.E.
 Leeds is an equal opportunity employer.

Brent Development Architects

Brent Development controls a large programme of capital projects and in an expanding work load a significant proportion is entrusted to private Architectural practices. As a result our Consultant Liaison Team for Housing Projects plays an important role in the organisation, establishing briefs with the Client Department, commissioning work and monitoring its progress to handover. Due to a recent promotion applications are now sought for:

Consultant Liaison Officer Architect/Surveyor - PO1B

Salary £11,800-£12,986 p.a. plus £1,138 L.W. and supplements. As Head of the Consultant Liaison Team for Housing Projects, you should be a suitably qualified and experienced Architect or Surveyor, from either the public or private sector, must be technically competent in housing rehabilitation work and capable of dealing directly at senior level in the private practices commissioned. Methodical and thorough administration is a top requisite for this important function.
 Brent is an Equal Opportunity Employer. Applications are welcome from candidates irrespective of race, nationality, ethnic or national origin, age, marital status, gender, lesbians and gay men and from disabled persons. Job Share welcome.
 Application forms and job descriptions from the Personnel Division Room 1, Brent Town Hall Annex, Kings Drive, Wembley, Middx HA9 8BH returnable 8th August telephone 01-800 0371 24 hours Answering Service. Reference number D/650 must be quoted.

London Borough of
BRENT

Recruitment Holdings Limited
 We are currently seeking personnel for permanent and temporary vacancies in the following areas:-
SENIOR ARCHITECTS
 Hertfordshire, Surrey.
ARCHITECTS & TECHNICIANS
 London, Hertfordshire, Surrey, Cambridge.
ARCHITECTURAL ASSISTANTS
 London, Hertfordshire
INTERIOR DESIGNERS
 London

Recruitment Holdings Ltd
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 The Cedars, Church Road,
 Ashford, Kent TN23 1RG
 Tel: Ashford (0233) 38471
 Telex: 895423 Refree

BILLERICAY, ESSEX HIGHER SALARIES FOR YOUNG ARCHITECTS

expanding practice needs project Architects for prestige clients.
 Permanent positions.
 C.V. or telephone to:
John Strong & Partners
 88a High Street
 Billericay CM12 9BT
 Tel: 027 743101

ARCHITECTURAL TECHNICIAN
 minimum 3 years experience required in very busy practice in Loughton, Essex.
 Please send details to:-
White & Milson
 1 Connaught Avenue, Loughton, Essex IG10 4DR
 Tel: 01-508 3834

DATADRAW
 London's leading independent construction computer graphics experts are looking for proven
GDS PROFESSIONALS
 with technical architectural backgrounds to help push back further the boundaries of computer graphics applications in the building professions. The ideal candidates will be self-motivated and quick thinking and will regard the further development of their computer application skills as their main priority. For the right people salary will not be an obstacle.
 To learn more contact
Jonathan Barham on
 01-379 5958

BROADWAY & MALYAN

are seeking enthusiastic staff for the following vacancies in our Weybridge office

QUALIFIED ARCHITECTS
 an opportunity to be involved from inception with a variety of exciting new housing, retail and commercial projects.

CONSERVATION ARCHITECT
 to work with our other historic building experts on the conservation of several important buildings.

Please write with C.V. to:-
All Reid
 Broadway & Malyan
 Chertsey House, Station Road
 Addlestone
 Weybridge
 Surrey KT15 5BH
 Tel: 0932 43599

Renton Howard Wood Levin Partnership

RHWL
 77 Endell Street
 London WC2H 9AJ

1. ARCHITECT/TECHNICIAN

with particular interest in development of auditoria design, required to work in specialist group. Card model making/photographic ability useful.

2. ARCHITECT/TECHNICIAN

to join team responsible for refurbishment of Victorian Theatres.

Please apply with C.V., marking your application "Theatres" to Janette Payne at the above address.

Formwood, who manufacture Formlux and Hagerup open-cell ceiling systems, are committed to providing technical support and advice to designers and installers ensure the successful installation and integration of these ceilings with associated lighting, air conditioning and other building services.
 In line with this policy we are seeking persons of high calibre for the following positions both based at our headquarters in Coleford, West Gloucestershire.

PROJECT CO-ORDINATOR

Responsible for providing technical support to the company's sales division including co-ordinating the technical design and manufacture of special ceiling systems and on site advice to installers and designers.
 The successful applicant will ideally be in his/her late 20s technically qualified to HNC/HND standard in Building Services minimum of 5 years experience in an architectural practice. Skilled draughtsmanship and an ability to communicate technical information with clarity is required and knowledge of C.A.D. systems, whilst not essential, would be of benefit.

The job will involve travel throughout the UK and Europe. A company car will be provided.

TECHNICAL ASSISTANT

Based in the Technical Department and responsible for providing a technical advisory service to architect designers and installers as well as providing specialist technical information to the sales function.
 This challenging position requires a person educated to minimum TEC standard in a building discipline and who is able to impart technical information clearly and concisely both verbal and written form. Experience in architectural practice is desirable and an ability to read detail construction drawings is essential.

If you have the necessary experience and qualifications either of these positions, then write with full personal career details to:

Geoff Walsh
 Technical Manager
 Formwood Limited
 Coleford, Glos GL16 6PR

ARCHITECTS Specialising in Shopping Centres

Two Architects with 5 years plus experience and proven track record in major retail developments are sought to head up new teams operating within our Shopping Centre and Shopping Centre Refurbishment sector group.
 The positions offer the potential of a front line role in an expanding practice and the opportunity to exercise design and management skills on challenging projects in a energetic office.

Career prospects excellent.
 Temporary accommodation available W.I. to assist relocation.

Write with C.V. to:-
Max Mallin
 3/4 Bentinck Street
 London W1M 5RN
 Tel: 01-935 5481

LESLIE JONES
 Architects

ARCHITECTURAL TECHNICIAN

McCarthy & Stone plc has grown rapidly through specialising in providing for the needs of the elderly and now has an extensive and diverse range of work programmed for the future.

Expansion of the company and internal promotion has resulted in the need for an Architectural Technician to work as part of the design team based in our South and South-West Regional Office in New Milton, Hampshire (near Bournemouth).
 Work will primarily involve submissions for planning and building regulation approval and construction supervision. Candidates should be enthusiastic and enjoy working in a productive and extremely busy environment.

Considerable opportunities exist for career advancement and an attractive salary and benefits are available to the right person.

McCarthy & Stone
 Building for a safe, secure retirement

If you are interested please ring or write application form to: Walter Williams RIBA Architect, McCarthy & Stone (Development) Queensway House, 11 Queensway, Bournemouth BH2 5NR. Tel: (0420) 82 1222

ARCHITECTS, TECHNICIANS & INTERIOR DESIGNERS

CONTRACT OR PERMANENT
 Send c.v. or call

EMANCO LIMITED
 Engineering Management Consultants
 4 Green Rowell Street, London WC1B 3JH
 Telephone 01 373 0821
 Telex 8951182 and 263284
 Cable: Emanco London W1

BDP

Building Design Partnerships London office urgently requires technically competent and self motivated:

ARCHITECTURAL ASSISTANTS
 with 3-5 years experience, and an

ARCHITECTURAL TECHNICIAN
 with proven experience on large scale commercial projects.

Please send us C.V.'s and examples of work to:-

Pat Lamer,
 Building Design Partnership,
 PO Box 4WD,
 16 Gresse Street,
 London W1A 4WD.

tsa
 Please contact David Taylor,
 Technical Staff Appointments Ltd,
 Alliance House, 15 Canton Street, SW1
 Tel: 01-822 3953 (6 lines)

1. WEYBRIDGE, Surrey. Busy practice need Architect/Planner and/or planning technician. Sal. neg.
2. HERTS. (N). Private practice are always interested to hear of good young Architects with proven design flair. Sal. neg.
3. LONDON, N.1. Small practice handling domestic refurbishment work need a young Architect with 3-5 years experience. Sal. to £14,000. Consider somebody just post Part II for training.
4. CITY OF LONDON. Architect with experience of refurbishment work preferably on listed buildings is needed by a busy practice. Sal. neg. to about £13,000.
5. NOTTINGHAM, Surrey. Busy practice require a senior technician with HNC or equivalent and about 10 years experience to work on leisure, housing and other projects. Sal. neg.
6. BROMLEY, Kent. Architects need a Chartered Building Surveyor, post under 40 for inspection, maintenance and repair work on listed buildings. Salary £10,000-£14,000.
7. LONDON, E.W.1. Well known practice need an experienced technician with good UK experience to assist senior architect on projects at Heathrow Airport. Sal. £11,000.
8. ALTON KEYNES. Experienced technician for temporary post on housing offices, etc. Good rates.
9. BIRKPOT. Architects required for a variety of work on amenity and general purpose buildings. Sal. neg.
10. BIRCHING, Herts. Private practice need an Architect aged 25-35 and a technician aged 20-30. Majority of work is on housing. Sal. neg.
11. WEST LONDON practice need an experienced technician with some experience of residential refurbishments. Sal. to £11,500.
12. SOUTH KENSINGTON. Practice needs experienced technicians to help with high-tech projects. Sal. neg.
13. NEWCASTLE UPON TYNE. Busy practice needs technician for wide range of projects. Sal. neg.
14. EASTBOURNE, Sussex. Vacancy for a school-leaver to train in the architects department of a well known building company. Anybody know of one?
15. LONDON, N.W.1. Busy practice near Regents Park are looking for an architectural assistant with some experience, probably about 25. Sal. neg.
16. WEST WYCOMBE, Bucks. Graduate architect to assist with urgent drawing programme for interior layouts/fitting out works and help with technical studies and detailed briefing development. Also draughtsmanship/tech to assist with interior layouts and details. Sal. neg.
17. ST. NEOTS, Cambs. Busy practice need a technician to help with commercial refurbishment projects. Consider either temporary or permanent staff.

Architect and Architectural Technicians City of London

An opportunity has arisen for an Architect and two Architectural Technicians to join the office of the Regional Architect (Head Office) in London. The office deals with the design, building and maintenance of Lloyds Bank's Head Office buildings in and around London.

Applications giving details of age, education, qualifications and experience, should be sent to:
 The Regional Architect (Head Office)
 Lloyds Bank Plc
 Black Horse House
 78 Cannon Street
 London EC4A 3LN.

The successful Architect will have some years experience since qualifying, and initial remuneration will be in the region of £15,300 p.a. The Architectural Technicians should have HNC or the equivalent Higher TEC Certificate, and initial remuneration will be between

Lloyds Bank
 A THOROUGH BRED AMONGST BANKS.

THE HODGES, HAXWORTH, JONES PARTNERSHIP

urgently require a self motivated and enthusiastic ARCHITECT

preferably with 3-4 years post qualification experience to help establish Harrogate office for small London practice.
 Send C.V. to:- Bridgette Hobbs at 24 Middle Street, London EC1A 7JA

Solon Cooperative Housing Services Design Group require an

ARCHITECT OR SURVEYOR
 with at least 5 years relevant experience to take charge of new-build and rehabilitation projects from feasibility to completion.
 We are looking for someone with good technical understanding who cares about the quality of design, and is interested in working directly with the members of a variety of housing cooperatives in East London, from all ethnic backgrounds.

Please telephone Jan Lathwell on 01-248 9838 for an application form or information: SCHS Ltd, (218 Whitechapel Road, London E1 1BJ) is a secondary housing cooperative managed collectively. We are committed to an equal opportunities employment policy and applications from ethnic minorities are particularly welcomed.

Salary £13,896
 Closing date: 30th July 1986

ARCHITECT
 required by young expanding practice. Our workload is diverse and exciting and currently should carry us through to 1988.
 We are looking for someone with a minimum of 3 years experience since qualifying and offer a salary of c.£14K + incentive package.
 Apply with C.V. to:-
Sampson Associates
 20-22 Yeatey Street
 London N1 7RE

Thames Polytechnic
 Incorporating Avery Hill College
ARCHITECTURE
 Recognised PART-TIME degree and diploma courses exempting from RIBA Parts 1, 2 and 3.

HONOURS DEGREE COURSE
 Places are available for qualified applicants.

DIPLOMA AND SPECIAL ENTRY COURSE
 Places available to Assistants/Senior Assistants in professional offices.

Thames Polytechnic
 Incorporating Avery Hill College
LANDSCAPE ARCHITECTURE
 Part-time Diploma Course at Thames Polytechnic (Landscape Institute Parts 1, 2 and 3)
 Graduates and professionally qualified candidates are invited to apply for admission to the 4 years part-time day-release Diploma course in Landscape Architecture offered by the Polytechnic's School of Architecture and Landscape. Situated on the large and very accessible Dartford Campus, the School has unrivalled facilities for educating part-time students in the academic and professional aspects of landscape design.
 Prospectus and application forms from: Assistant Registrar, Thames Polytechnic, Oakfield Lane, Dartford, Kent DA1 2SZ. Telephone: Dartford 21328, extn. 258.

TECHNICIANS
 If you are HNC or equivalent 25+ with general building skills or a building drawing office experience, our clients in Herts offer a superb career opportunity with a leading practice.
 Space Planners - 5 London & Herts. Technicians - office interiors, C. Lin Interior Designer - C. London & Herts. We have many contract and permanent vacancies outstanding and only need YOU to call us.
 Tel: 01-738 9887 or write: Technical Engineering & Development Dept., 3-5 Heatham Road, London SW8 4JL

ARCHITECTURAL ASSISTANTS
 Immediate vacancies for capable Assistants to deal with varied hospital/workforce offices in E13 and Woodford. Also surveying and measured drawings of housing in W1 office.
 For details ring Professional and Technical Services 01-483 1694 at 85 Petts Road, London W1M 5PL.

SMALL, BUSY WEST END PRACTICE
 Permanent position available from August for competent, responsible and experienced architectural/technical assistant, to work on small to medium projects from inception to completion, covering all aspects of practice.
 Please write, giving CV details and anticipated salary to:
Andrew Downes RIBA
 The Downes O'Connell Partnership
 11 Cross Keys Close, London W1M 5PY

Design School in Belgium requires full time
SENIOR TUTOR
 with architectural and decorative experience.
 Salary by negotiation.
 Applications to:
Box 3931
 C/o Building Design
 30 Calverwood Street
 Waltham
 London SE18 6QH

Senior Architect or Technician
 London
 age group 25-30
 with ability to produce rapid detailed drawings and sound knowledge of building regulations and construction.
 Excellent salary and prospects for the right applicant who should have a preference for design and co-ordination and who can constructively deliver the job.
 References essential.
 Telephone for discussion/appointment.
 Harrold & Partners
 01-728 6411

Architectural Technician/Assistant Architect
 Practice specialising in the care and repair of historic buildings requires an Architectural Technician or Assistant Architect to join the team.
 The post will be based at Castle Abbey, Derbyshire, and is initially for a period of 3 years. Previous experience in the conservation and repair of historic buildings would be an advantage.
 Salary negotiable.

In the first instance please apply in writing to:
Stafford Holmes
 Rodney Holmes and Associates
 30/31a Haverhill Terrace
 Holly Walk
 Loughborough Leics
 CV46 4JY

Montrose Architecture
 ARCHITECT
 £12,000-
 £14,000 p.a.
 £4,000 p.a. for the equivalent of a young architect with experience in a variety of housing projects. The successful applicant will be expected to take on a wide range of housing projects from feasibility to completion. Full responsibility for the design and construction of the project will be expected.
 18 Waverley Street, Weybridge, Surrey, Middlesex TW20 6JL
 Recruitment Consultants

OFFICE TO LET
OFFICE ACCOMMODATION
 400 square feet, suite of two offices in West End to include heat, light, rates, reception services and use of conference room.
 £8,000 p.a.
 Telephone
 01-636 7668

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 £4,000 p.a. for the equivalent of a young architect with experience in a variety of housing projects. The successful applicant will be expected to take on a wide range of housing projects from feasibility to completion. Full responsibility for the design and construction of the project will be expected.
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ARCHITECT & TECHNICIAN
 of high design and detailing ability urgently required to participate in growth of small independent practice. Experience on high quality office projects an advantage.
 Apply in writing with C.V. to:
Macdonald Lister
 Chartered Architects,
 19 Oakes Street, Newbury,
 West Yorkshire.

FERREY & MENNIM
 18 Minster Yard, York
 Urgently require an
Architect & Architectural Technician

With minimum 3 years post qualification experience.
 Apply in writing with CV to
Richard Carr-Archer

ARCHITECTURAL TECHNICIAN
 East Midlands

Our client a respected and successful developer seeks to recruit a dedicated professional to undertake a responsible position producing housing layouts, site surveys and working drawings. Salary up to £11,000 plus company car.
 DESIGN TO BUILD PERSONNEL
 City House, Maid Marian Way
 Nottingham NG1 5BJ
 Telephone (0502) 472628
 24 hours

Chassey Wright Architects
ARCHITECTS
 (RIBA Part 2 & 3)
 required for a range of cross-sectioning projects, real and imaginary, in a restoration practice. 2-3 years minimum experience essential. Salary negotiable.
 Tel: 01-402 3233

SCOTTISH HIGHLANDS
 Small young friendly practice requires immediate
ARCHITECT
 to run recently opened office in Portree, Isle of Skye.
ARCHITECTURAL ASSISTANT
 (possibly part time) required for Skye or Easter Ross offices.
 MacKenzie, Perry Associates
 Rosneath IV18 8LF
 0349 833119

WESTERHAM - KENT
 15-20 years
TECHNICIAN
 HNC or equivalent required for very busy Architects/Surveyors office, varied workload. Salary by arrangement.

Small West London practice
 require
GRADUATE PART II
 experience international, to work on housing offices and hotels at various stages of development.
 Tel 01-741 1066

H.E.T.W.O.R.K
 RECRUITMENT CONSULTANTS
CONTRACT WORK
 We urgently require for various temporary assignments in London and Home Counties, Architects, Technicians, Space Office Planners and Interior Designers.
 So if you are available at short notice
 phone Tim Loftus
 01-828 6994
 Greenview Gardens House
 35-37 Greenview Gardens
 Victoria SW1

Montrose Architecture
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 £12,000-
 £14,000 p.a.
 £4,000 p.a. for the equivalent of a young architect with experience in a variety of housing projects. The successful applicant will be expected to take on a wide range of housing projects from feasibility to completion. Full responsibility for the design and construction of the project will be expected.
 18 Waverley Street, Weybridge, Surrey, Middlesex TW20 6JL
 Recruitment Consultants

Architect/Technician/Interior Designer
 (preferably at three in one)
 with proven design and detailing ability urgently required to join our rapidly growing practice, working nationwide on a wide variety of exciting projects from pub and restaurant interiors to traditional architectural jobs.
 Please write with C.V. or phone:
David Quinlan
 Kevin Brubury on
 068 981 3718
 David Quinlan and Partners
 11 Cross Keys Close, London W1M 5PY

Architectural Technician/Assistant Architect
 Practice specialising in the care and repair of historic buildings requires an Architectural Technician or Assistant Architect to join the team.
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Stafford Holmes
 Rodney Holmes and Associates
 30/31a Haverhill Terrace
 Holly Walk
 Loughborough Leics
 CV46 4JY

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 £14,000 p.a.
 £4,000 p.a. for the equivalent of a young architect with experience in a variety of housing projects. The successful applicant will be expected to take on a wide range of housing projects from feasibility to completion. Full responsibility for the design and construction of the project will be expected.
 18 Waverley Street, Weybridge, Surrey, Middlesex TW20 6JL
 Recruitment Consultants

OFFICE TO LET
OFFICE ACCOMMODATION
 400 square feet, suite of two offices in West End to include heat, light, rates, reception services and use of conference room.
 £8,000 p.a.
 Telephone
 01-636 7668

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 £12,000-
 £14,000 p.a.
 £4,000 p.a. for the equivalent of a young architect with experience in a variety of housing projects. The successful applicant will be expected to take on a wide range of housing projects from feasibility to completion. Full responsibility for the design and construction of the project will be expected.
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